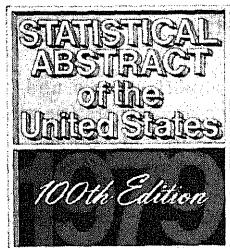


Section 29
Manufactures



This section presents summary data for manufacturing as a whole and more detailed information for major industry groups and selected specific products. The types of measures shown at the different levels include data for establishments; employment and wages; raw materials, fuels, and electricity consumed; plant and equipment expenditures; value and quantity of production and shipments; value added by manufacture; inventories; and various indicators of financial status.

The principal sources of these data are Bureau of the Census reports of the censuses of manufactures conducted every five years; the *Annual Survey of Manufactures*; and the *Current Industrial Reports* series, which presents monthly, quarterly, or annual data on production, shipments, and stocks for particular commodities. Indexes of industrial production are presented monthly in the Federal Reserve Board's *Federal Reserve Bulletin*. Reports on current activities of industries, or current movements of individual commodities, are also compiled by such government agencies as the Bureau of Labor Statistics, the Economics, Statistics, and Cooperatives Service of the Department of Agriculture, and the Industry and Trade Administration; and by private research or trade associations such as The Conference Board, Inc., New York; and the American Iron and Steel Institute and the National Canners Association, both in Washington, D.C.

Data on financial aspects of manufacturing industries are collected from time to time by the Securities and Exchange Commission (SEC), the Bureau of Economic Analysis (BEA), and the Federal Trade Commission (FTC). Industry aggregates in the form of balance sheets, profit and loss statements, analyses of sales and expenses, lists of subsidiaries, and types and amounts of security issues are published for leading manufacturing corporations registered with the SEC. The BEA issues data on capital in manufacturing industries and capacity utilization rates in manufacturing. The FTC has made several comprehensive studies of individual industries.

Censuses and annual surveys.—The first census of manufactures covered the year 1809. Between 1809 and 1963, a census was conducted at periodic intervals. Since 1967 it has been taken every 5 years (for years ending in "2" and "7"). Census data, either direct reports or estimates from administrative records, are obtained for every manufacturing plant with one employee or more.

The Annual Survey of Manufactures, conducted for the first time in 1949, collects data for the years between censuses for the more general measures of manufacturing activity covered in detail by the censuses. The annual survey data are estimates derived from a scientifically selected sample of companies. The most recent, 1976, annual survey is based on a sample of about 70,000 of an approximate total of 340,000 establishments. It comprises all large plants, which account for approximately two-thirds of total U.S. manufacturing employment, and a representative selection of the more numerous small plants. Government-owned and -operated establishments are excluded.

The basic statistical measures of manufacturing activity, such as employment, payrolls, value added, etc., are defined in essentially the same way for both the annual surveys and the census of manufactures. However, the bases for computing average employment vary for different years. For example, beginning with 1949, average employment was calculated from the figures reported for the pay periods ending nearest the 15th of March, May, August, and November, whereas for 1947 such averages were based on 12 monthly employment figures. In 1967, the average employment calculation was revised to the pay periods which include the 12th of March, May, August, and November to provide data more comparable with other statistical series.

Establishments and classification.—The censuses of manufactures for 1947 through 1977 cover operating manufacturing establishments as defined in the *Standard Industrial Classification Manual* (SIC), issued by the U.S. Office of Management and Budget (see test, page 390). The *Manual* is also used for classifying establishments in the annual surveys. The comparability of manufactures data over time is affected by changes in the official definitions of industries as presented in the *Manual*. It is important to note therefore that the 1972 edition of the *Manual* was used for the 1972 and 1977 censuses while the 1967 *Manual* was used for the 1967 census. For the censuses from 1947 to 1963, reports were required from all establishments employing one or more persons at any time during the census year. For the 1967 and 1972 censuses, reports were required only from establishments with 10 or more employees and establishments operated by multi-establishment companies. Data for single unit companies with less than 10 employees were estimated on the basis of Government administrative records and industry averages. In the 1977 Census, data were based on Administrative Records for all establishments with fewer than 5 employees; and, depending on the industry, for those with fewer than 20. Each of the establishments tabulated was classified in one of the more than 450 manufacturing industries as defined by the Standard Industrial Classification system in 1972 and 1977, as compared to 400 industries in the 1967 census. This system defines an industry as a number of establishments producing a single product or a closely related group of products. In the main, an establishment is classified in a particular industry if its production of this product or product group exceeds in value its production of any other product group. While some establishments produce only the products of the industry in which they are classified, few within an industry specialize to that extent. The statistics on employment, payrolls, value added, inventories, and expenditures, therefore, reflect both the primary and secondary activities of the establishments in that industry. For this reason care should be exercised in relating such statistics to the total shipments figures of products primary to the industry.

The censuses for 1947 through 1977 were conducted on an establishment basis. The term "establishment" signifies a single physical plant site or factory. It is not necessarily identical with the business unit or company, which may consist of one or more establishments. A company operating establishments at more than one location is required to submit a separate report for each location. An establishment engaged in distinctly different lines of activity and maintaining separate payroll and inventory records is also required to submit separate reports.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

NO. 1406. NATIONAL INCOME ORIGINATING IN MANUFACTURING: 1947 TO 1978

[In billions of dollars, except percent. Prior to 1963, excludes Alaska and Hawaii. For definition of national income, see text, p. 433. Refers to national income without capital consumption adjustment. Data represent net value added at factor costs. See *Historical Statistics, Colonial Times to 1970*, series F 230, for single-year figures prior to minor revisions issued in 1976]

ITEM	1947	1954	1958	1963	1967	1970	1972	1973	1974	1975	1976	1977	1978
Total manufacturing—	60	95	108	143	193	215	252	284	298	312	363	409	460
Percent of national income	30	31	29	30	29	27	26	26	26	25	26	26	27
Durable goods	32	55	62	86	119	127	154	176	179	185	215	248	284
Percent of total	53	58	58	60	61	59	61	62	60	59	59	61	62
Nondurable goods	28	40	46	57	75	88	98	107	119	128	148	162	176

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-74*, and *Survey of Current Business*, March and July issues.

No. 1407. MANUFACTURES—SUMMARY: 1947 TO 1976

[Prior to 1958, excludes Alaska and Hawaii. Census data, except as noted. Covers all establishments employing 1 or more persons at any time during year. See also *Historical Statistics, Colonial Times to 1970*, series F 1-12.]

ITEM	1947	1954	1958	1963	1967	1970 ¹	1972	1975 ¹	1976 ¹
Number of establishments ²	1,000	241	287	303	312	311	(NA)	321	(NA)
With 20 or more employees.....	1,000	(NA)	90	95	102	107	(NA)	114	(NA)
All employees, ⁴ annual average ⁵	mil.	14.3	16.1	16.0	17.0	19.3	19.2	19.0	18.8
Payroll, all employees.....	bil. dol.	40	68	78	100	132	153	174	210
Payroll per employee.....	\$1,000	2.8	4.1	4.9	5.9	6.8	8.0	9.2	11.5
Production workers, annual average.....	mil.	11.9	12.4	11.7	12.2	14.0	13.5	13.5	13.1
Man-hours, production workers.....	bil.	24.3	24.3	22.7	24.5	27.8	26.7	26.7	24.1
Man-hours per worker.....	1,000	2.0	2.0	1.9	2.0	2.0	2.0	1.9	1.9
Wages, production workers.....	bil. dol.	30	45	50	62	81	92	108	121
Wages per worker.....	\$1,000	2.5	3.6	4.3	5.1	5.8	6.8	7.8	9.6
Wages per worker man-hour.....	dol.	1.24	1.83	2.19	2.53	2.92	3.44	3.95	5.02
Value added by manufacture ⁶	bil. dol.	74	117	142	192	262	300	354	442
Per production worker.....	\$1,000	6.2	9.5	12.1	15.7	18.8	22.2	26.2	35.1
Per production worker man-hour.....	dol.	3.04	4.81	6.25	7.83	9.42	11.23	13.25	18.34
Per dollar of workers' wages.....	dol.	2.47	2.60	2.84	2.90	3.23	3.26	3.34	3.65
Cost of materials.....	bil. dol.	(NA)	(NA)	(NA)	230	299	337	407	597
Value of shipments ⁷	bil. dol.	(NA)	(NA)	(NA)	421	557	634	757	1,089
Per production worker.....	\$1,000	(NA)	(NA)	(NA)	34.4	39.9	46.9	55.9	82.5
End-of-year inventories.....	bil. dol.	26	40	49	60	84	101	108	158
Capital expenditures, new ⁸	bil. dol.	6.0	8.2	9.5	11.4	21.5	22.2	24.1	37.3
Indexes (1967=100):									
Employment.....		74	88	88	88	100	99	98	95
Value added.....		29	45	54	73	100	115	135	169
Shipments.....		(NA)	(NA)	(NA)	76	100	114	130	187
Ratios:									
Value added to shipments.....		(NA)	(NA)	(NA)	45.6	47.0	47.3	46.7	42.5
Inventories to shipments.....		(NA)	(NA)	(NA)	14.2	15.0	15.9	14.2	15.2
Payroll to value added.....		54.0	56.4	54.0	52.0	50.3	51.0	49.1	47.5
Gross book value of depreciable assets.....	bil. dol.	(NA)	(NA)	(NA)	158	218	267	301	369
Machinery and equipment.....	bil. dol.	(NA)	(NA)	(NA)	157	193	218	271	292
Assets per employee.....	\$1,000	(NA)	(NA)	(NA)	9.3	11.3	13.9	16.4	20.2
									21.0

NA. Not available. ¹ Estimated data based on *Annual Survey of Manufactures*; see text, p. 795.

² Includes administrative and auxiliary units, except as noted.

³ Excludes administrative offices and auxiliary units.

⁴ Includes data for employees of manufacturing establishments engaged in distribution and construction work.

⁵ Data for most industries in 1954 and for all industries since 1954 are based on pay periods ending nearest 15th of March, May, August, and November. For 1947, and industries of a seasonal type in 1954, data represent average of 12 monthly figures.

⁶ Unadjusted for 1947; thereafter, adjusted. Unadjusted value added is obtained by subtracting cost of materials, supplies, containers, fuel, purchased electric energy, and contract work from value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) net change in finished goods and work-in-process inventories between beginning and end of year. ⁷ Includes extensive and unmeasurable duplication from shipments between establishments in the same industry classification.

⁸ Beginning 1954, includes plants under construction and not yet in operation.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1947, 1954, 1958, 1963, 1967*, and *1972*, final reports; and *Annual Survey of Manufactures*.

No. 1408. FINANCES OF MANUFACTURING CORPORATIONS: 1960 TO 1978

[In billions of dollars]

ITEM	1960	1965	1967	1970	1971	1972	1973	1974	1975	1976	1977	1978
Net sales.....	346	492	575	709	751	850	1,017	1,061	1,065	1,203	1,328	1,498
Net operating profit.....	26	46	48	50	55	66	86	84	77	97	107	122
Net profit:												
Before Federal taxes ¹	28	47	48	48	53	63	81	97	80	105	115	133
After Federal and State taxes.....	15	28	29	31	36	48	59	49	65	70	81	
Cash dividends.....	8	12	13	15	15	16	18	19	20	23	27	29
Retained earnings.....	7	16	16	14	16	20	30	39	29	42	44	52

¹ Beginning 1974, data include State as well as Federal taxes.

Source: U.S. Federal Trade Commission, *Quarterly Financial Report for Manufacturing Corporations, Mining and Trade*, fourth quarter reports.

NO. 1409. INDUSTRIAL PRODUCTION—INDEXES, BY INDUSTRY: 1950 TO 1979

[1967=100. Based on 1967 Standard Industrial Classification Manual (see text, p. 796). See also *Historical Statistics, Colonial Times to 1970*, series P 13 and P 18-39.]

MAJOR INDUSTRY GROUP	1950	1955	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979, Jan.- June
Industrial production	45	59	66	90	108	110	120	130	129	118	131	138	146	152
Manufacturing	45	58	65	90	106	108	119	130	129	116	130	138	147	153
Durable manufactures	44	59	63	89	102	102	114	127	126	109	122	130	140	140
Primary metals.....	70	83	72	102	107	100	112	127	123	96	110	111	120	122
Fabricated metal products.....	56	68	71	91	102	104	112	125	124	110	124	131	142	150
Electrical machinery.....	30	40	52	82	108	108	122	143	144	117	135	145	159	173
Nonelectrical machinery.....	38	51	57	85	104	100	116	134	140	125	135	144	154	163
Transportation equipment.....	42	68	65	95	90	98	108	118	109	97	111	122	133	140
Instruments.....	26	44	58	83	112	110	120	138	144	132	147	156	167	176
Clay, glass, and stone prod.....	57	70	79	98	106	111	121	134	133	118	136	146	157	164
Lumber and products.....	66	76	75	96	106	114	121	126	116	108	123	131	136	137
Furniture and fixtures.....	53	67	72	95	108	116	131	144	138	118	137	145	156	161
Miscellaneous manufacturers.....	51	68	71	94	111	112	127	138	138	128	145	149	151	152
Nondurable manufactures	47	57	69	91	112	117	127	134	135	126	142	151	157	162
Textile mill products.....	60	65	69	93	112	117	133	143	133	122	135	134	138	142
Apparel products.....	64	73	82	97	101	105	109	117	114	108	126	134	134	(NA)
Leather and products.....	84	91	90	98	90	87	88	83	78	77	77	74	74	72
Paper and products.....	46	57	68	92	115	120	129	137	135	116	133	138	145	148
Printing and publishing.....	49	60	71	88	107	107	113	118	118	113	123	128	132	137
Chemicals and products.....	26	40	56	88	120	126	144	155	159	147	171	186	197	208
Petroleum products.....	48	66	77	92	113	117	122	129	125	124	134	143	145	145
Rubber and plastics products.....	29	41	52	86	132	148	172	184	185	167	200	232	254	268
Foods.....	58	66	79	92	109	117	121	124	124	123	133	139	143	147
Tobacco products.....	69	74	91	100	102	101	106	112	110	112	117	113	118	(NA)
Mining	64	78	80	93	112	110	113	115	115	113	114	118	124	123
Utilities	27	44	63	89	125	131	139	145	144	146	152	157	161	167
Energy ¹	(NA)	59	70	89	117	120	125	128	126	126	129	133	135	138

NA Not available. ¹ Production of energy is represented by output of primary energy, such as crude oil, natural gas, and coal mining, and by the conversion of primary energy to other energy forms for final consumption.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

NO. 1410. CAPACITY UTILIZATION RATES IN MANUFACTURING: 1965 TO 1978

[In percent. Annual figures are averages of quarterly data, except yearend 1965. Capacity represents maximum practical amount of output that can be produced with current stock of plant and equipment]

INDUSTRY	1965	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
All manufacturers	86	85	85	81	80	83	86	83	77	81	83	84
Firms with assets of—												
\$100 million and over.....	89	88	87	83	83	86	88	85	78	84	85	86
\$10 million-\$99.9 million.....	85	83	83	79	78	81	83	81	75	78	80	81
Under \$10 million.....	80	78	77	73	73	77	79	77	72	76	78	78
Durable goods ¹	88	84	84	78	78	82	85	82	76	81	84	84
Electrical machinery.....	83	80	80	76	76	81	82	83	73	80	82	83
Machinery, except electrical.....	95	90	92	86	81	84	87	88	83	86	89	91
Transportation equipment ¹	89	87	84	75	81	85	87	78	76	82	86	85
Motor vehicles.....	96	93	90	81	92	97	100	83	83	93	99	95
Aircraft.....	79	82	77	68	65	69	69	71	65	65	68	70
Primary metals.....	(NA)	84	87	82	75	86	88	88	73	78	80	84
Stone, clay, and glass.....	84	80	80	76	80	83	83	79	70	77	79	81
Nondurable goods ¹	85	86	86	83	88	85	86	84	79	82	82	82
Food, including beverages.....	75	82	82	82	81	81	81	80	77	77	78	79
Textiles.....	93	87	84	82	84	89	90	81	78	85	86	85
Paper.....	95	91	93	88	88	90	94	91	79	87	86	88
Chemicals.....	86	83	84	82	81	84	88	85	74	80	78	80
Petroleum.....	95	98	98	95	94	94	97	89	89	93	92	90
Rubber.....	93	92	89	82	86	89	89	85	74	80	85	83

NA Not available. ¹ Includes items not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, monthly. (These data appear quarterly.)

No. 1411. INDEX OF MANUFACTURING CAPACITY AND RELATION OF OUTPUT TO CAPACITY: 1950 TO 1979

[1967 output=100. Annual figures are averages of quarterly data. Capacity represents estimated quantity of output, relative to output in 1967, which the *current* stock of plant and equipment in manufacturing industries was capable of producing. Primary processing industries comprise textiles, lumber, paper and pulp, petroleum, rubber, stone, clay, glass, primary metals, fabricated metals, and a portion of chemicals. Advanced processing industries comprise chemical products, food, beverages, tobacco, apparel, furniture, printing and publishing, leather, machinery, transportation equipment, instruments, ordnance, and miscellaneous industry groups]

YEAR	Index of capa- city	RELATION OF OUTPUT TO CAPACITY (percent)			YEAR	Index of capa- city	RELATION OF OUTPUT TO CAPACITY (percent)		
		All manu- facturing	Primary process- ing	Advanced process- ing			All manu- facturing	Primary process- ing	Advanced process- ing
1950-----	54	83	89	80	1973-----	148	88	92	85
1955-----	67	87	92	84	1974-----	154	84	88	82
1960-----	82	80	80	81	1975-----	158	74	74	74
1965-----	100	90	91	89					
1967-----	115	87	86	88	1976-----	162	80	82	79
1968-----	122	87	88	87	1977-----	166	82	84	82
1969-----	129	86	89	85	1978-----	173	84	87	83
1970-----	134	79	83	77	1st qtr.-----	177	87	89	86
1971-----	139	78	82	76	2d qtr.-----	178	86	88	85
1972-----	143	83	88	81	3d qtr., prel.	180	85	88	84

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, November 1976, and *Capacity Utilization in Manufacturing and Materials*, G.3, monthly. (Based on data from Federal Reserve Board, U.S. Dept. of Commerce, U.S. Bureau of Labor Statistics, and McGraw-Hill Information Systems Company, New York, N.Y.)

No. 1412. OPERATING MANUFACTURING ESTABLISHMENTS—SELECTED DATA, BY LEGAL FORM OF ORGANIZATION: 1947 TO 1972

[Prior to 1958, excludes Alaska and Hawaii. Covers all establishments employing 1 or more persons at any time during year, except as noted. See also *Historical Statistics, Colonial Times to 1970*, series P 205-211]

FORM OF ORGANIZATION AND YEAR	Estab- lish- ments ¹ (1,000)	ALL EMPLOYEES		PRODUCTION WORKERS		Value added by manu- facture ² (mil. dol.)	Capital expend- itures, new (mil. dol.)
		Total ² (1,000)	Payroll (mil. dol.)	Total ² (1,000)	Wages (mil. dol.)		
Corporate:							
1947-----	118.1	12,856	36,580	10,649	27,637	68,294	(NA)
1954-----	148.5	14,273	59,051	11,206	41,480	109,669	7,752
1958-----	162.7	14,215	69,885	10,398	45,455	135,644	8,926
1963-----	176.2	15,245	89,356	11,426	59,064	184,100	10,791
1967 ⁴ -----	153.9	17,697	119,530	13,260	78,429	253,261	20,988
1972-----	233.2	18,545	171,143	13,118	103,254	347,086	23,620
Noncorporate, total: ⁵							
1947-----	122.7	1,438	3,115	1,269	2,607	5,996	(NA)
1954-----	138.4	1,372	3,912	1,166	3,111	7,363	449
1958-----	135.4	1,165	3,787	969	3,016	7,515	605
1963-----	130.4	990	3,932	806	3,030	8,002	580
1967 ⁴ -----	33.2	530	2,709	433	2,008	5,636	370
1972-----	87.5	482	3,043	408	2,237	6,908	453
Individual proprietorship:							
1947-----	69.5	586	1,184	522	1,001	2,162	(NA)
1954-----	88.2	593	1,527	507	1,237	2,735	176
1958-----	91.3	542	1,637	461	1,349	3,115	317
1963-----	99.2	536	2,033	440	1,595	3,916	315
1967 ⁴ -----	24.9	243	1,187	210	933	2,361	141
1972-----	42.5	218	1,303	183	963	2,885	186
Partnership:							
1947-----	50.8	757	1,687	673	1,432	3,347	(NA)
1954-----	47.9	703	2,108	602	1,684	4,054	216
1958-----	42.0	543	1,836	452	1,458	3,663	223
1963-----	27.7	334	1,034	277	1,062	2,726	141
1967 ⁴ -----	6.7	193	971	157	730	1,895	114
1972-----	17.7	167	1,067	139	792	2,413	150

NA Not available. ¹ Beginning 1955, includes administrative offices and auxiliary units.

² For method of calculation, see text, p. 795. ³ For definition, see footnote 6, table 1407.

⁴ Excludes establishments with fewer than 10 employees.

⁵ Includes forms of organization not shown separately.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1967*, vol. I, and special report, *Type of Organization*, MC 72(SR)-3.

Manufactures

No. 1413. MANUFACTURES—SUMMARY, BY TYPE OF OPERATION: 1947 TO 1972

[A multunit company operates establishments at more than one location. See headnote, table 1412.]

ITEM	1947	1954	1958	1963	1967	1972
Multunit companies: Establishments.....	35,202	31,769	41,871	45,862	51,707	70,198
Employees.....	8,007	9,480	10,064	11,015	13,310	14,264
Production workers.....	6,686	7,402	7,174	8,110	9,790	9,792
Payroll, all employees..... mil. dol.	22,788	40,623	51,785	68,202	93,756	138,758
Wages, production workers..... mil. dol.	17,787	28,987	33,469	44,721	60,875	81,941
Value added by manufacture..... mil. dol.	43,947	79,604	105,306	146,605	206,437	286,126
Capital expenditures, new..... mil. dol.	(NA)	6,485	7,525	8,934	18,596	20,040
Single unit companies: Establishments.....	205,605	255,045	256,311	260,755	¹ 253,974	¹ 250,512
Employees.....	6,287	6,165	5,317	5,220	¹ 5,188	¹ 4,765
Payroll, all employees..... mil. dol.	16,907	22,340	21,887	25,087	¹ 30,155	¹ 35,447
Value added by manufacture..... mil. dol.	30,343	37,428	37,853	45,497	¹ 55,546	¹ 67,868

NA. Not available. ¹ Includes data obtained from Federal administrative records.Source: U.S. Bureau of the Census, *Census of Manufactures, 1967*, vol. I, and special report, *Type of Organization, MC72(SR)-3*.

No. 1414. MANUFACTURERS SHIPMENTS, INVENTORIES, AND ORDERS: 1960 TO 1978

[In billions of dollars, except ratios. See also *Historical Statistics, Colonial Times to 1970*, series P 74-92]

ITEM	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978
Shipments.....	370.5	491.9	634.0	671.1	756.5	875.4	1,017.9	1,039.4	1,185.7	1,335.1	1,503.8
Durable goods.....	190.6	266.7	338.6	359.7	408.5	476.4	531.0	524.1	608.4	699.2	803.1
Nondurable goods.....	179.9	225.3	295.4	311.4	348.0	399.0	486.8	515.3	577.4	635.9	700.7
Inventories (Dec. 31).....	53.6	68.0	101.3	102.3	108.0	124.4	157.8	158.2	170.4	180.1	198.1
Durable goods.....	32.0	42.0	66.3	65.8	69.8	80.8	101.1	101.1	108.5	114.9	128.4
Nondurable goods.....	21.5	26.0	35.0	36.5	38.2	43.6	56.7	57.1	61.9	65.3	69.6
Ratio of inventories to sales.....	1.79	1.58	1.91	1.76	1.58	1.63	1.86	1.74	1.62	1.52	1.46
Durable goods.....	2.13	1.78	2.35	2.11	1.90	2.01	2.32	2.24	1.99	1.86	1.76
Nondurable goods.....	1.44	1.34	1.40	1.34	1.21	1.20	1.37	1.24	1.22	1.15	1.11
New orders.....	362.8	505.2	624.9	672.2	770.4	914.7	1,046.4	1,020.7	1,189.6	1,354.1	1,551.2
Durable goods.....	188.6	279.3	329.1	360.4	421.2	514.7	561.4	503.2	612.0	717.5	848.9
Nondurable goods.....	179.2	225.9	295.8	311.8	349.2	400.0	485.0	517.5	577.6	636.6	702.2
Unfilled orders (Dec. 31).....	44.9	79.2	106.0	107.1	121.0	160.3	188.8	170.1	174.0	193.0	240.5
Durable goods.....	42.4	75.4	101.5	102.2	114.8	153.1	183.5	182.5	166.1	184.5	230.3
Nondurable goods.....	2.5	3.8	4.6	5.0	6.2	7.2	5.3	7.6	7.9	8.5	10.2

Source: U.S. Bureau of the Census, *Manufacturers' Shipments, Inventories, and Orders: 1958-1977*, and *Current Industrial Reports*, series M3-1.7.

No. 1415. MANUFACTURING EMPLOYMENT AND VALUE ADDED—PERCENT DISTRIBUTION, BY GEOGRAPHIC DIVISIONS: 1950 TO 1976

[For composition of divisions, see fig. I, inside front cover. For definition of "value added," see table 1407]

GEOGRAPHIC DIVISION	1950	1954	1958	1963	1965	1967	1970	1972	1974	1975	1976
EMPLOYMENT											
New England.....	9.8	9.0	8.7	8.4	8.2	8.1	7.6	7.2	7.2	7.1	7.1
Middle Atlantic.....	26.9	26.6	25.7	24.0	23.4	22.6	21.8	20.7	19.7	19.5	18.7
East North Central.....	30.0	28.6	26.6	26.4	27.2	26.7	26.0	25.9	26.1	25.5	25.5
West North Central.....	5.6	6.0	6.0	6.0	6.0	6.2	6.2	6.3	6.6	6.8	6.7
South Atlantic.....	11.1	11.0	11.8	12.5	12.7	12.9	13.6	14.4	14.3	14.3	14.6
East South Central.....	4.4	4.5	4.9	5.2	5.6	5.7	6.1	6.6	6.7	6.7	6.9
West South Central.....	4.0	4.5	5.0	5.1	5.3	5.6	6.1	6.5	6.7	7.0	7.2
Mountain.....	1.1	1.1	1.4	1.7	1.6	1.6	1.8	2.0	2.2	2.2	2.3
Pacific.....	7.0	8.8	10.0	10.6	10.0	10.6	10.3	10.4	10.7	10.9	11.0
VALUE ADDED											
New England.....	8.3	7.8	7.4	7.1	7.1	7.2	6.8	6.4	6.1	6.2	6.2
Middle Atlantic.....	26.2	26.0	24.6	22.7	22.5	21.9	21.4	19.9	18.6	18.5	17.8
East North Central.....	33.2	31.2	28.9	29.3	30.2	28.6	27.5	28.2	28.3	26.9	27.5
West North Central.....	5.7	6.1	6.3	6.1	6.2	6.4	6.9	6.7	6.7	7.0	7.0
South Atlantic.....	9.4	9.1	10.1	11.0	11.1	11.2	11.8	12.5	12.2	12.1	12.8
East South Central.....	3.8	4.0	4.5	4.8	5.1	5.2	5.7	6.0	6.1	6.1	6.1
West South Central.....	4.3	4.9	5.5	5.7	5.8	6.3	6.7	7.0	8.1	8.9	8.6
Mountain.....	1.2	1.2	1.6	1.8	1.6	1.7	1.9	2.1	2.3	2.4	2.3
Pacific.....	7.9	9.7	11.1	11.5	10.7	11.3	11.1	11.3	11.6	11.9	11.7

Source: U.S. Bureau of the Census, *Census of Manufactures: 1963; 1967; 1972: General Summary*, MC72(1)-1; and *Annual Survey of Manufactures*.

No. 1416. MANUFACTURES—SUMMARY, BY EMPLOYEE SIZE-CLASS: 1954 TO 1972

ITEM AND YEAR	All estab-lishments	ESTABLISHMENTS WITH TOTAL EMPLOYEES—					PERCENT DISTRIBUTION				
		Under 20	20-99	100-249	250-999	1,000 and over	Under 20	20-99	100-249	250-999	1,000 and over
Establishments (1,000):¹											
1954	287	196	64	16	9	2	68.4	22.3	5.5	3.1	.7
1963	307	207	70	18	10	2	67.6	22.9	5.7	3.2	.6
1967	306	199	74	20	11	2	65.0	24.2	6.5	3.6	.7
1972	313	203	76	21	12	2	64.9	24.3	6.7	3.8	.6
Employees (1,000):¹											
1954	15,646	1,196	2,835	2,430	4,082	5,103	7.7	18.1	15.5	26.0	32.6
1963	16,235	1,175	3,072	2,727	4,312	4,951	7.3	18.9	16.8	26.5	30.5
1967	18,492	1,042	3,276	3,069	5,042	6,062	5.6	17.7	16.6	27.3	32.8
1972	18,032	1,114	3,356	3,232	5,155	5,175	6.2	18.6	17.9	28.6	32.7
Payroll (mil. dol.):¹											
1954	62,963	3,765	10,246	9,171	16,264	23,516	6.0	16.3	14.6	25.9	37.3
1963 ²	93,289	5,502	15,191	13,926	23,740	34,772	6.0	16.3	15.0	25.5	37.3
1967	123,481	6,080	19,205	18,172	31,688	48,335	4.9	15.6	14.7	25.7	30.1
1972	160,414	8,645	25,787	25,348	43,348	57,286	5.4	16.1	15.8	27.0	35.7
Value added by manufacture (mil. dol.):³											
1954	116,848	7,207	18,013	17,143	31,286	43,199	6.1	15.4	14.7	26.8	37.0
1963 ²	192,102	11,310	30,073	28,826	51,054	71,056	5.9	15.6	15.0	26.5	36.9
1967	261,984	13,271	39,138	38,922	71,036	99,617	5.1	14.9	14.9	27.1	38.0
1972	353,973	19,127	54,870	56,467	99,923	123,586	5.4	15.5	16.0	28.2	34.9
Capital expenditures, new (mil. dol.):¹											
1954	8,201	4,870	1,023	1,111	2,052	3,144	10.6	12.5	13.5	25.0	38.3
1963 ²	11,371	4,125	1,783	1,603	2,675	4,133	10.7	15.7	14.1	23.4	36.3
1967	21,503	4,860	2,730	5,713	8,204	8,204	8.6	12.7	13.0	26.6	38.2
1972	24,073	4,412	3,866	3,853	6,551	8,391	5.9	16.1	16.0	27.2	34.9

¹ Excludes administrative offices and auxiliary units. ² Individual size-class data do not add to total because they were derived from separate tabulations. ³ For definition, see footnote 6, table 1407.

⁴ Includes expenditures for plants under construction and not yet in operation.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1967*, *Size of Establishments*, MC67(1)-2, and *Census of Manufactures, 1972*, *General Summary*, MC72(1)-1.

NO. 1417. CAPITAL IN MANUFACTURING ESTABLISHMENTS: 1960 TO 1978

[In billions of dollars. Minus sign (-) denotes loss. Data refer to privately owned manufacturing establishments and are based on the capital expenditures data from the census of manufactures, the Annual Survey of Manufactures, and the inventory investment component of GNP. For details, see source. See *Historical Statistics, Colonial Times to 1970*, series P 107-122, for single-year figures prior to minor revisions issued in 1976]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
In current dollars:										
Purchases	10.3	16.8	22.4	22.8	27.9	32.8	31.3	39.2	45.3	50.6
Equipment	7.4	12.5	16.5	17.7	21.7	25.0	23.4	32.0	37.6	39.7
Structures	2.9	4.3	5.9	5.1	6.2	7.7	7.9	7.2	7.7	10.9
Depreciation (straight-line): ¹	9.5	11.3	18.2	20.7	22.4	26.0	30.5	32.6	35.7	40.0
Equipment	7.0	8.3	13.3	15.2	16.3	18.8	22.5	24.6	27.4	30.7
Structures	2.5	3.0	4.8	5.5	6.1	7.2	8.0	8.0	8.4	9.3
Net investment ²	.8	5.5	4.2	2.1	5.5	6.8	.8	6.6	9.6	10.6
Equipment	.4	4.2	3.2	2.5	5.4	6.2	.9	7.4	10.2	9.0
Structures	.4	1.3	1.1	-.4	.1	.5	-.1	-.8	-.7	1.6
In 1972 dollars:										
Purchases	15.0	22.6	24.2	22.9	26.9	28.8	23.5	28.1	30.7	31.8
Equipment	9.8	15.8	17.5	17.8	21.1	22.3	17.9	22.9	25.4	25.0
Structures	5.1	6.8	6.7	5.1	5.7	6.5	5.6	5.2	5.3	6.8
Depreciation	13.5	15.2	19.6	20.7	21.5	22.4	23.0	23.4	24.2	25.2
Equipment	9.2	10.5	14.1	15.2	15.9	16.7	17.3	17.7	18.5	19.4
Structures	4.3	4.7	5.4	5.5	5.6	5.6	5.7	5.7	5.7	5.8
Net investment	1.5	7.4	4.6	2.2	5.4	6.4	.5	4.7	6.5	6.6
Equipment	.6	5.3	3.4	2.6	5.2	5.6	.6	5.2	6.9	5.6
Structures	.8	2.1	1.3	-.4	.1	.9	-.1	-.5	-.4	1.0
Real net value of equipment structures, and inventories in 1972 dollars³:										
Equipment and structures ⁴	207.1	237.4	303.6	307.5	318.9	330.2	326.2	333.7	342.1	353.1
Equipment	134.7	148.3	186.5	190.0	195.3	201.6	202.2	206.8	213.3	219.9
Structures	68.5	78.2	105.0	108.8	113.9	119.4	120.0	125.2	132.0	137.6
Inventories (end of year)	72.4	89.1	117.1	117.5	123.6	128.6	124.2	126.9	128.8	133.2

¹ Estimates derived by using perpetual inventory method and assuming, in general, service lives of 85 percent of those shown in Internal Revenue Service's Bulletin F. ² Represents the difference between purchases and depreciation. ³ End of year. ⁴ Represents real net value of equipment and structures at preceding year-end plus net investment based on straight-line depreciation for year shown.

Source: U.S. Bureau of Economic Analysis, *Fixed Nonresidential Business and Residential Capital in the United States, 1925-1975; Survey of Current Business*, July issues; and unpublished data.

NO. 1418. LARGE MANUFACTURING COMPANIES—ADEQUACY OF CAPITAL FACILITIES TO MEET CURRENT DEMAND: 1965 TO 1972

[Percent distribution. As of July. Number of companies weighted by company assets. Based on replies to The Conference Board's *Quarterly Survey of Capital Investment and Supply Conditions*, conducted among the 1,000 largest manufacturing companies as listed by total assets.]

YEAR	Inadequate	Sufficient	More than adequate	YEAR	Inadequate	Sufficient	More than adequate
1965.....	30.9	67.5	1.6	1973.....	45.3	52.7	2.0
1966.....	26.1	71.8	2.1	1974.....	57.1	40.1	2.8
1967.....	37.3	58.7	4.0	1975.....	19.1	43.1	37.8
1968.....	28.4	59.5	12.1	1976.....	17.5	65.0	17.5
1969.....	18.5	58.6	22.9	1977.....	20.1	66.1	13.8
1970.....	16.3	70.4	13.3	1978.....	19.5	62.4	18.1

Source: The Conference Board, New York, N.Y., *Quarterly Survey of Capital Investment and Supply Conditions in Manufacturing*. (Copyright.)

NO. 1419. LARGE MANUFACTURING COMPANIES—CAPITAL APPROPRIATIONS AND EXPENDITURES, BY INDUSTRY: 1970 TO 1977

[In millions of dollars, except percent. Based on reports submitted by companies responding to The Conference Board's *Quarterly Survey of Capital Appropriations*. This survey is conducted among the 1,000 largest manufacturing companies as listed by total assets. Appropriations: Authorizations by management to spend funds for new plant and equipment; Expenditures: Cost of new plant and equipment]

YEAR AND ITEM	Total	Food and beverage products	Paper and allied products	Chemicals and allied products	Petroleum and coal products	Primary iron and steel	Electrical machinery and equip.	Machinery, except electrical	Motor vehicles and equipment	Other manufacturing
1970: Appropriations.....	25,337	1,587	1,034	3,036	5,704	1,534	2,584	3,098	1,276	5,484
Expenditures.....	26,321	1,598	1,046	3,143	5,559	1,746	2,408	3,093	1,689	6,039
Percent of appropriations.....	103.9	100.7	101.2	103.5	97.5	113.8	93.2	99.8	132.4	110.1
1973: Appropriations.....	44,510	3,214	1,930	5,730	8,485	1,998	3,056	4,269	3,926	11,902
Expenditures.....	29,086	2,073	1,227	3,648	4,963	1,423	2,378	3,420	2,105	7,849
Percent of appropriations.....	65.3	64.5	63.6	63.7	58.5	71.2	77.8	80.1	53.6	65.9
1974: Appropriations.....	56,908	3,240	3,157	7,503	14,642	5,423	2,652	5,919	1,690	12,682
Expenditures.....	41,066	2,764	1,908	5,675	7,745	2,141	2,671	4,652	2,513	10,997
Percent of appropriations.....	72.2	85.3	80.4	75.6	52.9	39.5	100.7	78.6	148.7	86.7
1975: Appropriations.....	45,423	3,623	1,899	7,454	14,270	3,199	1,952	3,784	1,014	8,248
Expenditures.....	45,558	3,083	1,901	7,172	11,785	3,538	2,256	4,054	1,829	9,950
Percent of appropriations.....	100.3	85.1	100.1	98.2	82.6	110.6	115.6	107.7	180.4	120.6
1976: Appropriations.....	49,787	3,838	1,542	7,854	11,021	2,889	2,861	5,001	3,538	11,243
Expenditures.....	46,937	3,658	2,061	7,473	12,587	3,545	2,410	4,413	1,675	9,115
Percent of appropriations.....	94.3	95.3	133.7	95.1	114.2	122.7	84.2	88.2	47.3	81.1
1977: Appropriations.....	63,953	4,947	2,574	7,897	17,747	2,513	3,218	5,050	5,435	14,572
Expenditures.....	52,323	3,856	1,836	7,508	14,342	3,066	3,021	4,751	3,282	10,661
Percent of appropriations.....	81.8	77.9	71.3	95.1	80.8	122.0	93.9	94.1	60.4	73.2

Source: The Conference Board, New York, N.Y., *Quarterly Survey of Capital Appropriations*. (Copyright.)

NO. 1420. MANUFACTURES—CAPITAL EXPENDITURES: 1970 TO 1976

[In millions of dollars. Represents expenditures for new plant and equipment]

MAJOR INDUSTRY GROUP	1970	1974	1975	1976	MAJOR INDUSTRY GROUP	1970	1974	1975	1976
All industries.....	22,143	35,699	37,262	40,545	Petroleum, coal prod.	1,218	1,845	2,418	2,712
Food, kindred prod.....	2,144	3,018	3,434	3,817	Rubber, misc. plastics products ¹	828	1,457	1,140	1,317
Tobacco manufactures.....	56	185	145	130	Leather, leather prod.	39	76	78	89
Textile mill products.....	811	1,172	997	1,087	Stone, clay, glass prod.	920	1,588	1,581	1,504
Apparel, other textile mill products.....	300	391	381	423	Primary metal industr.	2,737	3,752	4,165	4,179
Lumber, wood prod. ¹	535	1,357	1,264	1,232	Fabr. metal prod. ^{1,2}	1,140	1,981	2,074	2,223
Furniture, fixtures.....	231	351	252	295	Machinery exc. elec.	1,855	3,312	3,355	3,428
Paper, allied products.....	1,397	2,214	2,718	3,010	Elec., electronic equip.	1,520	2,426	1,877	2,241
Printing, publishing.....	873	1,141	1,175	1,261	Trans. equip. ^{1,2}	1,612	3,176	2,762	3,131
Chemicals, allied prod.....	3,111	5,072	6,353	7,122	Instn., related prod.	436	822	794	783
					Misc. mfg. industries ¹	253	362	302	561
					Ordnance, accessories ³	127	(2)	(2)	(2)

¹ Data for 1970 not directly comparable with following years because of revision of Standard Industrial Classification (SIC) system in 1972. ² "Ordnance, accessories" combined with "Fabricated metal products" and "Transportation equipment" in 1972 revision of SIC system. ³ Excludes government owned and operated.

Source: U.S. Bureau of the Census, *Annual Survey of Manufactures*.

NO. 1421. U.S. SHARE OF WORLD EXPORTS OF MANUFACTURES: 1960 TO 1978

[World exports=exports from 15 major trading countries: U.S., Austria, Belgium-Luxembourg, Canada, Denmark, France, Fed. Rep. of Germany, Italy, Japan, Netherlands, Norway, Sweden, Switzerland, and U.K. Percents are calculated from the values of exports of the six commodity groups from each of the 15 countries. Incorporated in the calculations are the changing relationships between each supplier's currency and the currencies of its trading partners. For this purpose, export-weighted exchange rate indices are calculated for each supplier, using official rates of exchange in 67 principal markets.]

ITEM	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978, ¹ prel.
U.S. exports:											
Manufactures, total ².....bil. dol.	12.7	17.3	29.4	30.4	33.8	44.7	63.5	71.0	77.2	80.2	94.5
Nonelectric machinery.....bil. dol.	3.3	5.1	8.4	8.6	9.6	12.2	16.8	21.1	22.2	22.5	27.4
Transport equipment.....bil. dol.	2.7	3.5	6.5	7.9	8.8	10.8	14.6	17.3	18.3	18.7	22.2
Chemicals.....bil. dol.	1.8	2.4	3.8	3.9	4.2	5.8	8.9	8.7	10.0	10.9	12.6
Electric machinery.....bil. dol.	1.1	1.7	3.0	3.1	3.7	5.1	7.2	7.8	9.5	10.5	9.7
Basic manufactures ³.....bil. dol.	(4)	(4)	(4)	4.5	5.1	7.4	11.5	11.2	11.5	11.7	12.5
Misc. articles ⁴.....bil. dol.	3.9	5.0	7.9	2.8	3.3	4.2	5.6	6.0	6.9	7.7	10.2
Percent of world exports:											
Manufactures, total ²	25.3	22.5	21.1	19.4	18.4	18.0	18.8	19.2	18.8	17.3	17.0
Nonelectric machinery.....	32.7	30.9	28.1	25.6	25.1	25.2	26.3	27.8	26.8	25.1	23.0
Transport equipment.....	33.2	28.4	29.0	29.7	26.4	27.0	29.0	27.8	25.1	23.8	22.4
Chemicals.....	29.6	24.7	21.9	20.0	18.6	19.1	18.6	20.1	20.6	21.1	17.3
Electric machinery.....	28.2	24.0	22.7	21.1	20.9	21.6	23.0	22.3	23.8	23.2	17.8
Basic manufactures ³	(4)	(4)	(4)	10.8	10.5	11.4	12.3	12.5	11.9	11.4	8.7
Misc. articles ⁵	17.6	15.8	14.0	16.1	15.5	16.2	17.3	17.3	17.1	16.8	15.0

¹ Beginning 1978, data not comparable with earlier periods.

² Excludes mineral fuel products, processed food, fats, oils, firearms of war, and ammunition. For 1965 to 1977, detail may not add to total due to revisions to total not carried to detail.

³ Includes semimanufactures of various materials, such as metals, fibers, wood, glass, leather, rubber, and certain finished products of metal.

⁴ Basic manufactures included with miscellaneous articles.

⁵ Includes mainly nondurable consumer goods and professional and scientific instruments.

Source: U.S. Dept. of Commerce, Industry and Trade Administration, *Business America*, biweekly.

NO. 1422. EXPORTS AND EXPORT-RELATED EMPLOYMENT OF MANUFACTURING ESTABLISHMENTS: 1960 TO 1976

[Includes only direct exports and products shipped to exporters or others for export. Excludes output of the supplying establishments that furnish parts or materials to the manufacturer producing the product exported. Therefore, estimates tend to underestimate the importance of the export trade for the domestic economy when compared to the total value of shipments of all manufacturers]

ITEM	1960	1963	1966	1969	1971	1972	1976
Value of shipments, total.....bil. dol.	(NA)	420.5	538.7	642.6	671.0	756.5	1,185.7
For export.....bil. dol.	14.5	16.5	21.3	29.2	33.1	35.7	83.1
Percent of total.....	(NA)	3.9	4.0	4.5	4.9	4.8	7.0
Manufacturing employment, total ¹.....1,000	16,763	16,958	19,024	20,036	18,363	19,027	18,753
Export related.....1,000	(NA)	(NA)	(NA)	779	746	770	1,173
Percent of total.....	(NA)	(NA)	(NA)	3.9	4.1	4.0	6.3

NA Not available. ¹ Includes employees of central administrative and auxiliary offices.

NO. 1423. EXPORTS AND EXPORT-RELATED EMPLOYMENT OF MANUFACTURING ESTABLISHMENTS, BY INDUSTRY: 1976

[See headnote, table 1422 and footnote 1 of same table concerning employment figures]

INDUSTRY GROUP	VALUE OF SHIPMENTS (bil. dol.)		MANUFACTURING EMPLOYMENT (1,000)		INDUSTRY GROUP	VALUE OF SHIPMENTS (bil. dol.)		MANUFACTURING EMPLOYMENT (1,000)	
	Total	For exports	Total	Export related		Total	For exports	Total	Export related
Manufacturing, total	1,185.7	83.2	18,753	1,173	Rubber, misc. plastics products	31.8	1.3	627	23
Food & kindred prod.	180.9	5.9	1,636	37	Leather, leather prod.	7.2	.3	247	6
Tobacco manufactures	8.8	1.0	65	10	Stone, clay, glass prod.	30.6	1.0	599	17
Textile mill products	36.4	1.2	876	28	Primary metal indus.	93.0	2.9	1,106	30
Apparel, other textile products	34.8	.7	1,271	16	Fabricated metal prod.	77.5	3.7	1,471	70
Lumber & wood prod.	31.2	1.9	629	23	Machinery, exc. elec.	105.5	19.0	1,960	295
Furniture, fixtures	14.2	.2	426	5	Elec., electronic equip.	73.9	9.2	1,579	196
Paper and allied prod.	48.2	2.3	615	21	Transportation equip.	141.0	16.5	1,668	203
Printing, publishing	42.8	.6	1,086	12	Instruments and related products	25.0	3.8	518	80
Chemicals, allied prod.	104.1	9.3	851	75	Misc. manufacturing	16.3	1.3	410	25
Petroleum, coal prod.	82.3	1.2	145	3					

Source of tables 1422 and 1423: U.S. Bureau of the Census, *Annual Survey of Manufactures*, 1976, M76(AS)-8.

Manufactures

No. 1424. MANUFACTURES SUMMARY,
[Sum of State totals may not add to U.S. total]

STATE	1967				1972					
	Establishments ¹		All employees ²		Value added by manufacture ⁴	Establishments ¹		All employees ²		Value added by manufacture ⁴
	Total	With 20 or more employees	Number ³	Pay-roll		Total	With 20 or more employees	Number ³	Pay-roll	
1 U.S.	311,140	110,256	1,000 19,323	Mil. dol. 132,209	Mil. dol. 261,984	320,701	114,195	1,000 19,027	Mil. dol. 174,187	Mil. dol. 353,973
2 N.E.	24,286	9,164	1,562	10,190	18,972	23,731	8,718	1,362	11,905	22,501
3 Maine	2,385	615	111	577	1,070	2,075	590	100	696	1,376
4 N.H.	1,481	566	95	513	932	1,434	566	90	663	1,279
5 Vt.	925	281	43	259	515	860	274	37	311	576
6 Mass.	10,963	4,471	714	4,646	8,715	10,770	4,153	619	5,486	10,678
7 R.I.	2,703	922	122	700	1,351	2,756	904	118	888	1,764
8 Conn.	5,829	2,309	478	3,494	6,390	5,836	2,231	399	3,860	6,828
9 M.A.	76,422	23,002	4,360	30,527	57,262	71,808	26,983	3,933	37,120	70,330
10 N.Y.	42,911	14,730	1,929	13,852	25,247	38,341	12,995	1,673	16,219	30,402
11 N.J.	14,740	5,908	881	6,325	12,738	15,069	5,918	836	8,107	16,409
12 Pa.	18,771	8,369	1,550	10,350	19,277	18,398	8,070	1,418	12,794	23,619
13 E.N.C.	63,062	24,563	5,151	38,495	75,016	64,673	24,761	4,933	50,958	99,949
14 Ohio	15,428	6,285	1,397	10,523	20,435	16,390	6,487	1,346	13,810	27,171
15 Ind.	6,920	2,917	710	5,023	10,308	7,354	3,049	704	6,882	14,112
16 Ill.	18,536	7,477	1,397	10,014	20,017	18,617	7,345	1,306	12,800	25,847
17 Mich.	14,340	5,157	1,134	9,357	17,242	14,467	5,019	1,076	12,745	23,376
18 Wis.	7,838	2,727	512	3,578	7,014	7,845	2,861	501	4,722	9,443
19 W.N.C.	20,623	6,893	1,206	8,165	16,773	21,467	7,393	1,202	10,923	23,585
20 Minn.	5,409	1,778	300	2,107	4,080	5,698	1,930	302	2,889	5,524
21 Iowa	3,388	1,092	210	1,435	3,251	3,387	1,170	216	2,039	4,758
22 Mo.	6,545	2,457	452	3,049	5,395	6,732	2,470	434	3,897	8,169
23 N. Dak.	454	92	8	42	113	482	117	10	79	201
24 S. Dak.	604	137	16	93	171	606	151	17	135	285
25 Nebr.	1,672	525	77	476	1,150	1,723	598	85	704	1,733
26 Kans.	2,551	812	144	965	2,112	2,839	957	137	1,181	2,915
27 S.A.	37,961	13,138	2,502	14,014	29,313	41,534	14,981	2,739	20,638	44,349
28 Del.	528	253	71	588	958	567	243	69	755	1,292
29 Md.	3,401	1,463	288	1,956	3,781	3,579	1,437	266	2,386	4,707
30 D.C.	593	155	23	179	333	564	135	19	220	389
31 Va.	4,938	1,620	340	1,905	4,068	4,837	1,768	375	2,826	6,178
32 W. Va.	1,844	563	124	832	2,170	1,734	607	121	1,098	2,647
33 N.C.	8,266	3,379	643	3,066	6,607	8,632	3,794	744	4,929	11,015
34 S.C.	3,465	1,251	304	1,502	3,030	3,719	1,441	346	2,345	4,966
35 Ga.	6,976	2,268	423	2,231	4,684	7,627	2,663	467	3,330	7,370
36 Fla.	7,950	2,186	285	1,755	3,683	10,275	2,893	343	2,750	5,787
37 E.S.C.	15,746	5,528	1,092	5,909	13,718	16,525	6,246	1,249	9,211	21,234
38 Ky.	2,994	1,135	225	1,352	3,636	3,167	1,259	259	2,160	5,682
39 Tenn.	5,040	2,022	418	2,190	4,921	5,647	2,291	467	3,852	7,662
40 Ala.	4,951	1,446	289	1,603	3,526	4,984	1,630	323	2,397	5,065
41 Miss.	2,761	925	160	764	1,635	2,727	1,066	200	1,302	2,825
42 W.S.C.	21,883	6,727	1,083	6,855	16,617	24,018	7,873	1,239	10,281	24,596
43 Ark.	2,911	927	144	666	1,558	2,897	1,053	181	1,152	2,800
44 La.	3,639	1,016	165	1,084	2,790	3,657	1,133	179	1,601	4,273
45 Okla.	2,611	745	118	764	1,346	3,042	897	143	1,188	2,270
46 Tex.	12,722	4,039	658	4,340	10,922	14,422	4,790	736	6,340	15,263
47 Mt.	8,679	2,243	315	2,123	4,522	10,119	2,831	388	3,469	7,446
48 Mont.	923	191	20	130	312	943	206	21	185	463
49 Idaho	1,131	303	37	220	503	1,190	350	43	340	821
50 Wyo.	331	65	6	37	86	377	78	7	57	144
51 Colo.	2,461	664	104	731	1,509	2,841	834	133	1,298	2,504
52 N. Mex.	749	169	17	99	205	926	227	24	157	358
53 Ariz.	1,630	424	77	543	995	2,037	597	94	855	1,880
54 Utah	1,124	353	47	315	778	1,358	430	57	486	1,069
55 Nev.	330	74	7	50	134	447	109	10	92	208
56 Pac.	42,433	12,972	2,050	15,911	29,675	46,826	14,400	1,982	19,682	39,968
57 Wash.	5,014	1,375	271	2,119	3,764	5,345	1,463	226	2,308	4,721
58 Oreg.	4,437	1,275	163	1,083	2,061	4,670	1,461	179	1,627	3,490
59 Calif.	31,962	10,012	1,584	12,515	23,394	35,699	11,149	1,545	15,478	31,175
60 Alaska	323	95	8	56	130	342	91	8	77	171
61 Hawaii	697	215	25	140	326	770	236	25	191	410

¹ Includes central administrative offices and auxiliary units.² Includes employment and payroll at administrative offices and auxiliary units.³ "Production workers" represents the average of the employment for the payroll periods ended nearest the 12th of March, May, August, and November. ⁴"All employees" represents the average of "production workers" plus all other employees for the payroll period ended nearest the 12th of March.

Manufactures, by State

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BY STATES: 1967 TO 1976

because figures were independently derived]

1976							Leading major industry groups ranked by value added by manufacture
All employees		Production workers		Value added by manufacture ⁴	Value of shipments ⁵	Capital expenditures, new ⁶	
Number	Pay-roll	Number	Wages				
1,000 18,753	Mil. dol. 233,389	1,000 13,052	Mil. dol. 137,565	Mil. dol. 511,471	Mil. dol. 1,185,695	Mil. dol. 40,770	
1,336	15,635	899	8,451	31,475	59,664	2,138	Mach. exc. electrical; trans. equip.; food.
99	930	81	676	2,041	4,423	507	(X)
88	883	66	540	1,832	3,495	138	Paper; leather; food.
41	450	29	248	952	2,056	66	Elec. equip.; mach. exc. elec.; paper.
591	6,943	388	3,661	14,421	26,918	782	Mach. exc. elec.; fabricated metal; paper.
115	1,150	89	720	2,295	4,533	143	Mach. exc. elec.; elec. equip.; instruments.
402	5,279	246	2,606	9,934	18,229	472	Misc. mfg.; fabricated metal; primary metal.
3,501	44,983	2,281	23,968	91,359	193,717	5,521	Chemicals; print. and publishing; instruments.
1,455	18,787	907	9,245	38,849	76,087	2,304	(X)
736	9,704	458	4,851	20,288	45,711	1,216	Print. and publish.; instru'ts; mach. exc. elec.
1,310	16,492	916	9,761	32,222	71,919	2,001	Chemicals; food; elec. equip.; mach. exc. elec.
4,786	67,564	3,324	41,917	140,972	326,886	9,495	Primary metal; mach. exc. electrical; food.
1,288	17,855	889	11,235	37,608	83,600	2,141	(X)
677	9,160	498	6,108	19,983	45,181	1,475	Trans. equip.; mach. exc. elec.; fab. metal.
1,256	16,831	825	9,557	36,085	82,851	2,335	Elec. equip.; primary metal; trans. equip.
1,050	17,107	741	10,793	32,390	80,327	2,631	Mach. exc. elec.; food; fabricated metal.
520	6,611	371	4,224	14,906	35,427	913	Trans. equip.; mach. exc. elec.; fab. metal.
1,268	15,490	861	9,121	35,825	94,957	2,403	Mach. exc. elec.; food; fab. metal; elec. equip.
321	4,142	198	2,128	8,473	20,440	495	Mach. exc. elec.; food; chemicals; elec. equip.
231	2,995	164	1,910	7,799	20,772	710	Trans. equip.; food; chemicals; mach. exc. elec.
424	5,060	290	2,961	11,121	27,469	598	Mach. exc. elec.; food; print. and publishing.
14	139	9	79	387	1,236	55	Food; mach. exc. electrical; lumber.
22	217	16	150	494	1,609	49	Food; mach. exc. elec.; elec. equip.; chemicals.
88	987	63	635	2,692	8,773	168	Food; mach. exc. elec.; chemicals.
168	1,950	121	1,258	4,859	14,658	328	Food; mach. exc. electrical; chemicals.
2,732	27,923	2,060	17,685	64,101	148,057	5,680	(X)
66	1,064	32	383	1,581	5,043	160	Food; rubber; primary metal; mach. exc. elec.
243	3,126	164	1,810	6,682	14,762	421	Food; primary metal; electronic equip.
18	278	9	222	553	932	20	Print. and publishing; food; fabricated metal.
375	3,851	287	2,548	9,368	20,471	907	Chemicals; tobacco; food; electronic equip.
120	1,521	89	1,024	3,558	7,938	289	Chem.; prim. metal; stone, clay, glass prod.
739	6,655	592	4,505	15,822	35,819	1,295	Textiles; tobacco; chemicals; mach. exc. elec.
371	3,406	290	2,383	7,164	16,610	888	Textiles; chemicals; apparel; mach. exc. elec.
469	4,506	362	2,950	11,093	28,391	853	Textiles; trans. equipment; food; paper.
331	3,516	226	1,960	8,280	18,091	867	Food; elec. equip.; chemicals; trans. equip.
1,296	12,912	1,006	8,774	31,478	73,881	2,792	(X)
277	3,058	210	2,039	8,645	20,209	522	Mach. exc. elec.; chemicals; elec. equip.; foods.
479	4,686	360	3,040	10,724	24,756	781	Chemicals; food; mach. exc. elec.; apparel.
330	3,351	266	2,388	7,716	17,988	1,152	Primary metals; paper; textiles; chemicals.
210	1,817	170	1,307	4,393	10,868	337	Trans. equip.; apparel; chemicals; food.
1,353	15,640	953	9,391	43,909	123,076	7,213	(X)
188	1,650	153	1,201	4,278	10,605	473	Food; electronic equip.; paper; chemicals.
190	2,395	140	1,576	8,423	25,225	1,661	Chemicals; petroleum; food; furniture.
150	1,743	100	953	3,608	10,126	411	Mach. exc. electrical; food; fabricated metal.
825	9,852	560	5,661	27,600	77,120	4,768	Chemicals; petroleum; mach. exc. electrical.
439	5,271	295	3,048	12,145	29,475	1,160	(X)
22	270	17	203	771	2,525	86	Lumber; food; stone, clay, glass products.
53	614	39	396	1,525	3,448	160	Food; lumber; chemicals.
7	83	5	55	279	833	31	Petroleum; food; stone, clay, glass.
143	1,871	92	1,016	3,990	9,536	385	Food; instruments; fabricated metal.
30	273	23	175	635	1,534	120	Food; electronic equip.; stone, clay, glass.
89	1,237	68	652	2,882	6,238	183	Mach. exc. elec.; elec. equip.; primary metal.
71	779	48	464	1,709	4,641	142	Mach. exc. electrical; food; trans. equip.
14	144	8	87	354	725	53	Stone, clay, glass; food; print. and publishing.
2,064	27,567	1,372	15,208	70,049	135,960	4,134	(X)
244	3,594	163	2,087	7,297	18,843	662	Trans. equipment; lumber; food; furniture.
188	2,371	145	1,675	5,392	12,229	378	Lumber; food; paper; instruments.
1,600	21,215	1,041	11,202	56,156	102,041	2,867	Trans. equip.; food; elec. equip.; mach. exc. elec.
8	121	6	90	504	992	171	Food; lumber; printing and publishing.
24	266	17	154	700	1,855	56	Food; print. and publishing; stone, clay, glass.

⁴ For definition, see footnote 6, table 1407.

⁵ See footnote 5, table 1425.

⁶ See footnote 8, table 1425.

No. 1425. MANUFACTURES SUMMARY

[Data based on various editions of the *Standard Industrial Classification Manual*, published by the Office of

In- du- stry code ¹	INDUSTRY GROUP	1967			1972		
		Estab- lish- ments	All employees		Estab- lish- ments	All employees	
			Num- ber	Pay- roll		Num- ber	Pay- roll
		Number	1,000	Mil. dol.	Number	1,000	Mil. dol.
(X)	All manufacturing establish- ments, incl. central adminis- trative offices-----	311,140	19,323	132,208	261,984	320,701	19,027
20	Food and kindred products-----	632,518	1,650	10,077	26,621	28,183	1,569
201	Meat products-----	4,914	310	1,954	3,551	4,437	308
202	Dairy products-----	6,188	232	1,449	3,466	4,590	189
203	Preserved fruits and vegetables-----	8,528	223	1,084	7,238	2,557	233
204	Grain mill products-----	8,202	112	758	2,882	3,080	111
205	Bakery products-----	4,390	264	1,665	3,495	3,633	235
206	Sugar and confectionery products-----	182	114	644	1,900	1,249	107
207	Fats and oils-----	(NA)	44	297	919	860	40
208	Beverages-----	4,376	221	1,525	4,790	3,624	212
209	Misc. foods and kindred products-----	4,498	130	700	2,375	4,153	134
21	Tobacco products-----	329	75	377	7,203	272	66
211	Cigarettes-----	16	37	221	7,164	20	38
212	Cigars-----	148	19	71	7,198	124	14
213	Chewing and smoking tobacco-----	46	4	18	7,64	37	3
214	Tobacco stemming and redrying-----	119	16	66	7,133	91	11
22	Textile mill products-----	7,080	929	4,391	8,153	7,201	953
221	Weaving mills, cotton-----	393	203	938	1,624	307	121
222	Weaving mills, manmade fiber-----	396	109	529	922	412	150
223	Weaving, finishing mills, wool-----	310	42	216	429	198	19
224	Narrow fabric mills-----	384	26	121	214	376	27
225	Knitting mills-----	2,698	241	1,036	1,914	2,723	277
226	Textile finishing, except wool-----	641	74	410	710	655	80
227	Floor covering mills-----	385	44	228	599	527	60
228	Yarn and thread mills-----	768	119	505	946	807	148
229	Misc. textile goods-----	1,105	72	401	795	1,196	72
23	Apparel, other textile products-----	26,393	1,357	5,582	10,064	24,438	1,368
231	Men's and boys' suits and coats-----	1,003	136	642	1,048	856	125
232	Men's and boys' furnishings-----	2,853	345	1,212	2,181	2,787	363
233	Women's and misses' outerwear-----	9,416	409	1,756	3,183	9,526	433
234	Women's, children's undergarments-----	1,213	114	444	867	1,002	105
235	Hats, caps, and millinery-----	843	24	102	164	496	15
236	Children's outerwear-----	1,334	78	298	538	1,061	75
237	Fur goods-----	1,304	9	59	117	797	5
238	Misc. apparel and accessories-----	1,397	71	285	510	1,302	62
239	Misc. fabricated textile products-----	7,030	173	785	1,457	6,611	186
24	Lumber and wood products ⁸ -----	36,795	554	2,799	4,973	33,949	691
241	Logging camps, log contractors-----	16,334	71	339	695	13,238	80
242	Sawmills and planing mills-----	11,461	216	1,028	1,784	9,452	204
243	Millwork, plywood, and structural members ⁹ -----	4,558	154	896	1,505	5,506	191
244	Wood containers ⁸ -----	905	31	135	239	1,160	37
245	Wood buildings and mobile homes-----	(NA)	(NA)	(NA)	(NA)	993	97
249	Misc. wood products ⁸ -----	3,537	83	401	760	3,600	82
25	Furniture and fixtures-----	10,008	425	2,258	4,170	9,233	462
251	Household furniture ⁸ -----	6,306	298	1,456	2,650	5,369	317
252	Office furniture-----	365	35	225	478	433	39
253	Public bldg. related furniture-----	438	23	132	234	422	21
254	Partitions and fixtures-----	1,970	48	324	587	2,010	57
259	Misc. furniture and fixtures-----	929	22	121	221	999	27
26	Paper and allied products-----	5,890	639	4,436	9,756	6,038	633
261	Pulp mills-----	61	15	126	334	60	11
262	Papermills, except building paper-----	354	140	1,121	2,356	349	130
263	Paperboard mills-----	283	67	534	1,509	273	69
264	Misc. converted paper products-----	2,492	187	1,187	2,833	2,525	189
265	Paperboard containers and boxes-----	2,606	219	1,387	2,541	2,739	224
266	Building paper and board mills-----	94	12	83	184	92	12

For footnotes, see pp. 810 and 811.

FOR INDUSTRY GROUPS: 1967 TO 1976

Management and Budget; see text, p. 796. See also *Historical Statistics, Colonial Times to 1970*, series P 58-67]

1975				1976							
All employees		Value added by manufacture ³	Capital expenditures, new ⁴	All employees		Production workers		Value added by manufacture ³	Value of shipments ⁵	Capital expenditures, new ⁴	
Number ²	Pay-roll	Mil. dol.	Mil. dol.	Number ²	Pay-roll	Number ²	Wages	Mil. dol.	Mil. dol.	Mil. dol.	
1,000	Mil. dol.	Mil. dol.	Mil. dol.	1,000	Mil. dol.	1,000	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	
18,302	209,519	442,485	37,262	18,753	233,389	13,052	137,565	511,471	1,185,695	40,670	
1,525	15,856	48,095	3,434	1,536	17,289	1,067	10,806	52,760	180,930	3,817	
308	3,161	7,169	423	311	3,474	253	2,621	7,531	45,827	424	
170	1,823	4,942	294	164	1,908	88	988	5,261	24,830	336	
223	1,918	6,041	430	222	2,032	190	1,551	6,799	17,722	433	
114	1,329	5,644	452	115	1,453	80	955	6,088	21,189	475	
237	2,584	6,288	270	242	2,837	145	1,511	6,909	12,230	335	
103	988	3,677	283	106	1,137	84	822	3,658	10,405	348	
41	472	1,849	232	41	502	38	331	2,034	12,301	191	
204	2,417	8,110	755	204	2,629	100	1,222	8,888	21,069	977	
126	1,166	4,676	296	131	1,317	97	825	5,653	14,357	298	
66	655	3,722	145	65	704	55	544	4,128	8,786	130	
40	477	43,203	102	41	521	35	412	3,592	6,030	98	
10	58	166	3	8	56	8	45	148	268	5	
3	27	143	3	3	29	2	20	161	297	3	
13	92	210	37	13	98	10	67	228	2,192	24	
835	6,397	12,044	997	876	7,368	765	5,769	14,495	36,389	1,087	
107	769	1,337	133	110	917	101	786	1,687	3,718	124	
152	1,150	1,965	192	161	1,398	144	1,161	2,600	5,869	246	
14	112	198	11	16	134	13	99	265	672	42	
19	140	259	12	20	160	17	120	322	647	11	
231	1,686	3,301	228	232	1,788	202	1,356	3,452	8,626	204	
68	612	1,151	92	72	688	60	518	1,315	3,542	117	
49	416	1,040	53	49	456	40	311	1,211	3,795	60	
131	915	1,567	161	145	1,136	132	940	2,118	5,844	167	
64	596	1,227	115	71	692	67	481	1,626	3,777	117	
1,214	7,700	14,749	381	1,271	8,563	1,109	6,460	16,860	34,758	423	
98	738	1,250	16	98	787	85	615	1,370	2,406	25	
333	1,842	3,654	76	358	2,148	320	1,712	4,426	9,108	100	
402	2,511	4,786	127	427	2,758	372	2,042	5,274	10,749	128	
87	514	973	24	91	566	78	413	1,145	2,192	21	
15	99	158	3	15	98	13	76	149	348	4	
64	364	708	13	64	388	55	290	774	1,514	14	
4	38	86	3	3	35	3	26	75	246	1	
55	363	683	16	56	381	48	270	744	1,528	27	
156	1,232	2,451	103	160	1,404	135	1,016	2,905	6,669	103	
588	5,231	10,856	1,264	629	6,143	543	4,817	13,454	31,239	1,232	
67	664	1,713	378	72	708	65	677	2,173	4,461	308	
194	1,642	3,041	472	208	1,947	185	1,624	4,225	9,752	490	
159	1,526	2,836	187	173	1,792	146	1,381	3,756	8,995	213	
31	233	472	37	33	251	29	196	512	1,040	23	
58	540	1,050	36	62	625	50	418	1,201	3,693	40	
78	626	1,243	155	82	731	69	521	1,497	3,298	159	
396	3,310	6,290	252	426	3,772	352	2,690	7,370	14,232	295	
266	2,036	3,801	149	290	2,341	247	1,740	4,544	9,041	180	
37	370	756	30	39	414	30	283	860	1,451	40	
20	174	331	16	21	196	16	126	373	744	16	
48	492	940	36	51	558	39	372	1,061	1,952	38	
26	239	462	21	26	262	20	170	533	1,044	22	
589	6,990	17,944	2,718	615	8,047	478	5,692	20,604	48,218	3,010	
13	191	521	294	16	261	12	195	975	2,055	375	
121	1,668	3,973	832	128	1,977	101	1,483	4,878	11,768	1,044	
65	911	2,832	807	65	1,018	51	770	3,128	6,724	844	
193	2,075	5,729	412	200	2,356	154	1,595	6,448	14,920	394	
188	2,040	4,351	347	197	2,322	162	1,559	4,985	12,234	335	
9	106	238	26	9	113	8	90	240	516	19	

No. 1425. MANUFACTURES SUMMARY

[See headnote,

Indus- try code ¹	INDUSTRY GROUP	1967				1972			
		Estab- lish- ments	All employees		Value added by manu- facture ³	Estab- lish- ments	All employees		Value added by manu- facture ³
			Num- ber ²	Pay- roll			Num- ber ²	Pay- roll	
			Number 1,000	Mil. dol.	Mil. dol.	Number 1,000	Mil. dol.	Mil. dol.	
27	Printing and publishing.....	37,989	1,031	7,152	14,355	42,103	1,057	9,831	20,210
271	Newspapers.....	8,094	336	2,224	4,185	8,116	349	3,168	6,220
272	Periodicals.....	2,510	79	634	1,869	2,534	67	709	2,110
273	Books.....	1,766	97	688	1,967	1,905	98	919	2,540
274	Misc. publishing.....	1,493	31	197	418	2,041	39	331	776
275	Commercial printing ^a	19,497	331	2,358	3,944	22,282	344	3,277	5,695
276	Manifold business forms.....	542	34	240	551	667	39	344	824
277	Greeting card publishing ^a	222	28	151	372	199	24	192	527
278	Blankbooks and bookbinding.....	1,462	64	294	506	1,465	52	372	687
279	Printing trades services ^a	2,403	42	366	544	2,894	47	521	831
28	Chemicals and allied products ^a	611,799	6,841	6,443	623,550	11,425	837	8,731	32,414
281	Industrial inorganic chemicals ^a	2,032	248	2,000	7,737	1,049	100	1,079	3,343
282	Plastic materials, synthetics ^a	771	172	1,292	3,799	461	162	1,666	4,935
283	Drugs.....	1,129	118	942	4,073	1,078	130	1,413	6,131
284	Soap, cleaners, toilet goods ^a	2,508	97	684	3,930	2,573	112	1,058	6,201
285	Paints and allied products.....	1,701	66	492	1,319	1,599	66	647	1,792
286	Industrial organic chemicals.....	(NA)	131	1,130	4,406	827	137	1,614	6,073
287	Agricultural chemicals ^a	1,278	46	281	1,006	1,233	48	438	1,737
289	Misc. chemical products ^a	2,196	88	628	1,587	2,605	83	814	2,203
29	Petroleum and coal products.....	1,880	142	1,216	5,426	2,016	140	1,638	5,793
291	Petroleum refining.....	437	107	965	4,745	323	101	1,247	4,595
295	Paving and roofing materials.....	1,098	27	186	456	1,199	30	297	846
299	Misc. petroleum and coal products.....	345	8	65	225	494	9	94	352
30	Rubber and miscellaneous plas- tics products ^a	6,456	517	3,287	6,800	9,237	618	5,165	11,653
301	Tires and inner tubes.....	182	93	775	1,823	206	108	1,214	3,071
302	Rubber, plastics, footwear ^a	65	29	141	245	107	32	183	370
303	Reclaimed rubber.....	24	2	12	23	20	1	9	16
304	Rubber, plastics hose, belting.....	(NA)	(NA)	(NA)	(NA)	90	32	309	619
306	Fabricated rubber products, n.e.c. ^a	1,189	142	923	1,741	1,116	99	809	1,573
307	Misc. plastics products ^a	4,996	252	1,436	2,968	7,698	347	2,642	6,005
31	Leather and leather products.....	63,685	6,329	6,145	62,627	3,201	273	1,589	2,917
311	Leather tanning and finishing.....	519	31	186	319	517	26	200	368
313	Boot, shoe cut stock, findings.....	379	14	60	109	248	9	50	86
314	Footwear, except rubber.....	1,083	211	889	1,620	917	176	973	1,796
315	Leather gloves and mittens.....	147	6	22	36	106	5	22	43
316	Luggage.....	338	21	97	186	277	17	107	194
317	Women's handbags and purses.....	792	37	163	279	688	34	195	345
319	Leather goods, n.e.c. ^a	365	6	26	46	448	7	43	84
32	Stone, clay, and glass products.....	15,580	590	3,826	8,333	16,015	623	5,547	12,587
321	Flat glass.....	64	24	197	423	32	21	242	662
322	Glass, pressed or blown.....	305	109	688	1,501	869	119	1,058	2,341
323	Products of purchased glass.....	887	29	182	394	913	34	296	669
324	Cement, hydraulic.....	197	33	248	812	198	30	349	1,154
325	Structural clay products.....	851	60	344	612	775	52	391	771
326	Pottery and related products.....	619	43	247	419	620	45	335	601
327	Concrete, gypsum, plaster products.....	10,004	169	1,103	2,478	10,115	193	1,741	3,840
328	Cut stone and stone products.....	811	17	91	148	908	15	109	191
329	Misc. nonmetallic mineral prod. ^a	1,842	106	726	1,547	2,085	115	1,025	2,359
33	Primary metal industries ^a	6,837	1,281	9,851	19,978	6,792	1,143	12,167	23,258
331	Blast furnace and basic steel prod.....	861	617	5,022	10,170	970	553	6,389	12,116
332	Iron and steel foundries.....	1,438	233	1,641	2,631	1,400	219	2,155	3,481
333	Primary nonferrous metals.....	144	53	405	1,382	177	59	627	1,706
334	Secondary nonferrous metals.....	403	17	123	271	381	18	170	411
335	Nonferrous rolling and drawing.....	833	195	1,438	3,325	903	188	1,871	3,800
336	Nonferrous foundries.....	1,886	90	609	1,068	1,841	81	722	1,269
339	Misc. primary metal products ^a	1,272	76	613	1,132	1,120	25	233	476

For footnotes, see pp. 810 and 811.

FOR INDUSTRY GROUPS: 1967 TO 1976—Continued

pp. 806 and 807]

1975				1976							
All employees		Value added by manufacture ³	Capital expenditures, new ⁴	All employees		Production workers		Value added by manufacture ³	Value of shipments ⁵	Capital expenditures, new ⁴	
Number ²	Pay-roll	Mil. dol.	Mil. dol.	Number ²	Pay-roll	Number ²	Wages	Mil. dol.	Mil. dol.	Mil. dol.	
1,000				1,000		1,000					
1,070	11,655	24,641	1,175	1,086	12,680	629	6,737	27,647	42,838	1,261	
360	3,770	7,578	363	364	4,068	162	1,785	8,482	11,659	377	
73	880	2,652	62	73	951	14	129	3,084	5,044	65	
90	1,131	3,187	138	101	1,212	49	500	3,521	5,205	120	
34	362	862	38	35	388	14	124	946	1,333	40	
355	3,900	6,890	413	367	4,326	279	3,025	7,870	13,646	470	
40	440	1,156	75	39	468	29	317	1,202	2,328	59	
19	195	559	16	18	214	10	98	607	907	16	
47	417	856	33	47	446	39	326	920	1,343	36	
43	560	901	37	43	608	33	434	1,016	1,283	70	
842	11,227	44,976	6,353	851	12,365	520	6,518	51,408	104,139	7,122	
109	1,538	5,213	721	109	1,684	66	921	6,165	11,611	813	
150	1,985	5,525	1,439	153	2,187	107	1,347	6,648	17,156	1,369	
150	2,039	8,030	475	151	2,233	77	894	9,333	13,016	471	
108	1,278	7,248	255	110	1,415	69	739	8,469	14,741	288	
60	737	2,126	122	60	810	32	353	2,562	5,931	123	
137	2,070	6,511	2,120	142	2,348	90	1,357	11,349	26,885	2,684	
52	653	4,546	980	52	722	33	413	3,763	9,195	1,054	
75	919	2,777	261	74	976	45	496	3,119	6,803	321	
141	2,147	10,500	2,418	145	2,437	100	1,578	13,169	82,347	2,837	
101	1,666	8,927	2,275	102	1,887	71	1,246	11,410	77,507	2,656	
30	345	1,065	85	32	397	23	263	1,184	3,145	114	
11	137	507	57	11	153	6	69	575	1,695	66	
585	5,923	13,599	1,140	627	6,742	489	4,518	15,950	31,765	1,317	
106	1,332	3,463	272	104	1,864	79	955	3,584	7,714	244	
25	176	320	10	25	176	21	129	310	539	14	
1	9	16	1	1	7	1	5	15	23	(Z)	
27	307	695	80	30	357	21	211	804	1,412	54	
90	884	1,748	86	93	1,010	72	677	2,081	3,888	146	
335	3,214	7,357	691	375	3,829	296	2,541	9,207	18,193	859	
240	1,651	3,187	78	247	1,805	216	1,379	3,559	7,176	89	
23	220	444	23	23	244	19	181	521	1,326	33	
8	53	74	3	8	61	7	47	94	252	5	
146	934	1,826	35	150	1,012	133	811	1,982	3,747	35	
6	32	55	1	6	34	5	26	62	148	1	
17	125	245	4	18	144	14	95	289	565	5	
34	231	427	6	35	250	31	177	482	857	10	
7	57	117	5	7	60	6	42	129	282	2	
589	6,390	14,848	1,581	599	7,086	474	5,145	16,773	30,635	1,504	
21	298	654	57	22	353	18	287	838	1,336	40	
111	1,219	2,931	278	115	1,403	100	1,154	3,267	5,155	344	
33	341	665	49	35	388	27	272	829	1,651	47	
29	411	1,338	355	28	445	22	343	1,461	2,604	201	
47	411	834	64	47	446	38	325	930	1,595	54	
44	380	733	44	45	427	37	320	801	1,165	63	
178	1,958	4,419	433	174	2,062	128	1,361	4,660	10,020	466	
15	121	234	8	15	137	13	102	274	433	20	
113	1,241	3,047	294	118	1,415	91	980	3,712	6,677	270	
1,089	14,994	30,367	4,165	1,106	16,975	875	12,639	34,182	93,002	4,179	
532	8,106	15,783	2,288	532	9,186	418	6,884	17,274	46,687	2,373	
221	2,713	4,976	520	216	2,996	179	2,310	5,497	9,787	643	
58	844	2,411	59	59	963	46	710	2,980	9,970	431	
17	208	576	62	18	237	13	147	633	3,179	120	
162	2,008	4,590	473	171	2,339	131	1,666	5,360	18,763	439	
76	816	1,435	165	85	951	70	711	1,738	3,389	114	
24	299	596	59	25	324	18	211	702	1,236	59	

No. 1425. MANUFACTURES SUMMARY

[See headnote,

In- du- stry code ¹	INDUSTRY GROUP	1967			1972		
		Estab- lish- ments	All employees		Estab- lish- ments	All employees	
			Num- ber ²	Pay- roll		Num- ber ²	Pay- roll
34	Fabricated metal products ⁸	6,27,418	1,000 ¹	\$ 9,320	6,18,043	29,525	1,000 ¹
341	Metal cans, shipping containers ⁸	299	60	474	1,142	558	79
342	Cutlery, handtools, hardware	1,939	156	1,043	2,318	1,904	159
343	Plumbing and heating, ex. electric ⁸	888	65	428	872	757	61
344	Fabricated structural metal prod.	10,151	388	2,687	4,934	10,351	395
345	Screw machine products, bolts, etc.	2,536	116	847	1,621	2,482	101
346	Metal forgings, stampings ⁸	2,710	226	1,686	3,031	3,188	264
347	Metal services, n.e.c. ⁸	4,084	81	481	864	4,761	82
348	Ordnance and accessories, n.e.c. ⁸	(NA)	(NA)	(NA)	(NA)	315	110
349	Misc. fabricated metal products ⁸	2,711	189	1,309	2,591	5,214	244
35	Machinery, exc. electrical	37,892	1,865	14,226	27,836	40,792	1,828
351	Engines and turbines	182	100	820	1,598	253	116
352	Farm and garden machinery	1,618	136	947	2,042	1,658	125
353	Construction and related machinery	2,305	273	2,041	4,130	2,517	275
354	Metalworking machinery	9,439	337	2,860	5,091	9,652	2,859
355	Special industry machinery	3,312	207	1,570	2,880	3,685	190
356	General industrial machinery	3,760	279	2,137	4,107	3,863	262
357	Office and computing machines	594	190	1,462	3,332	995	208
358	Refrigeration, service machinery	1,573	140	947	2,125	1,769	198
359	Misc. machinery, except electrical ⁸	15,109	203	1,443	2,531	16,400	184
36	Electric and electronic equip. ⁸	10,706	1,875	12,968	24,487	12,270	1,662
361	Electric distributing equipment ⁸	1,218	176	1,230	2,509	784	116
362	Electrical industrial apparatus	1,316	207	1,420	2,792	1,510	188
363	Household appliances	637	169	1,101	2,540	645	163
364	Electric lighting and wiring equip.	1,868	157	950	2,214	1,897	177
365	Radio and TV receiving equipment	661	130	720	1,587	939	107
366	Communication equipment	1,402	525	4,397	6,993	1,976	454
367	Electronic components, accessories	2,439	403	2,435	4,359	2,867	336
369	Misc. electrical equipment, supplies	1,165	107	715	1,494	1,652	120
37	Transportation equipment ⁸	7,483	1,834	15,174	28,174	8,802	1,719
371	Motor vehicles and equipment ⁸	2,675	739	5,930	13,666	3,391	808
372	Aircraft and parts ⁸	1,273	802	7,209	11,327	1,094	439
373	Ship and boat building and repairing	2,011	169	1,239	1,705	2,232	185
374	Railroad equipment	123	57	427	788	163	51
375	Motorcycles, bicycles, parts	91	12	70	136	222	18
376	Guided missiles, space vehicles	(NA)	(NA)	(NA)	(NA)	147	160
379	Misc. transportation equipment ⁸	1,310	55	298	551	1,553	59
38	Instruments and related prod. ⁸	4,453	394	2,822	6,418	5,983	453
381	Engineering, scientific instruments	677	46	327	617	743	37
382	Measuring and control devices ⁸	766	104	732	1,392	1,611	153
383	Optical instruments and lenses ⁸	303	21	163	284	494	19
384	Medical instruments and supplies	1,466	67	427	966	1,807	91
385	Ophthalmic goods	461	26	143	284	499	27
386	Photographic equip. and supplies	557	95	820	2,481	627	96
387	Watches, clocks, and watchcases	223	35	209	393	202	31
39	Misc. manufacturing ^{8,9}	14,489	824	5,819	10,189	15,187	446
391	Jewelry, silverware, and plated ware	2,212	52	320	641	2,296	53
393	Musical instruments	343	25	144	238	344	25
394	Toys and sporting goods	2,435	116	559	1,205	2,460	133
395	Pens, office and art goods	959	35	200	412	966	32
396	Costume jewelry and notions	1,608	52	252	528	1,482	50
399	Misc. manufactures ^{8,9}	6,932	544	4,345	7,163	7,639	153
60	Administrative and auxiliary ¹⁰	5,460	831	8,728	(X)	8,039	994
					Z	Less than \$500,000.	
				X	Not applicable.		

¹ Represents zero. NA Not available.¹ Standard Industrial Classification code; see text, p. 796.² "All employees" represents the average of "production workers" plus all other employees for the payroll period ended nearest the 15th of March. ³ See footnote 6, table 1407.⁴ Includes expenditures for plants in operation and plants under construction but not yet in operation.⁵ Includes extensive duplication arising from shipments between establishments in the same industry classification. Comprises for all manufacturing establishments classified in an industry value of (a) products primary to the industry, (b) secondary products which are primary to other industries, (c) miscellaneous receipts such as those for contract and commission work on materials owned by others, scrap, salable refuse, repair, etc., and (d) resales, i.e. products resold in the same condition as bought.⁶ Includes industries not shown separately.

FOR INDUSTRY GROUPS: 1967 TO 1976—Continued

pp. 806 and 807]

1975				1976						
All employees		Value added by manufacture ³	Capital expenditures, new ⁴	All employees		Production workers		Value added by manufacture ³	Value of shipments ⁵	Capital expenditures, new ⁴
Number ²	Pay-roll	Mil. dol.	Mil. dol.	Number ²	Pay-roll	Number ²	Wages	Mil. dol.	Mil. dol.	Mil. dol.
1,000				1,000		1,000				
1,417	16,334	34,203	2,074	1,471	18,382	1,123	12,596	39,145	77,507	2,223
74	1,040	2,526	249	72	1,181	60	904	3,085	7,984	150
147	1,619	3,602	205	158	1,900	123	1,327	4,486	7,393	243
53	551	1,162	75	51	579	37	372	1,336	2,608	60
397	4,488	9,257	483	401	4,802	293	3,100	10,048	21,584	638
97	1,085	2,255	122	100	1,220	77	835	2,515	4,396	122
241	3,077	6,039	415	265	3,788	217	2,846	7,554	15,250	430
81	774	1,431	104	90	889	74	635	1,788	2,877	109
82	994	1,635	63	75	976	48	541	1,664	2,804	62
246	2,705	5,997	359	259	3,097	193	2,036	6,669	12,612	409
1,967	24,555	51,044	3,855	1,960	26,480	1,332	15,831	57,357	105,525	3,428
121	1,677	3,434	339	125	1,939	85	1,187	4,200	9,009	298
150	1,872	4,365	347	146	1,949	108	1,313	4,783	10,534	288
318	4,178	9,473	804	312	4,378	210	2,708	9,648	19,741	831
290	3,671	6,862	295	290	3,954	214	2,632	7,459	11,278	363
199	2,394	4,871	200	196	2,557	126	1,411	5,175	9,454	215
200	3,565	7,428	458	281	3,746	190	2,301	8,043	14,197	469
225	3,033	6,441	390	229	3,277	107	1,071	8,102	13,723	480
158	1,791	3,893	187	173	2,152	125	1,383	5,214	10,080	183
215	2,375	4,277	336	209	2,630	168	1,825	4,735	6,931	302
1,524	17,401	34,845	1,877	1,579	19,253	1,080	10,891	41,746	73,867	2,240
105	1,154	2,492	69	104	1,193	75	747	2,702	4,688	85
185	2,030	4,209	238	195	2,284	141	1,441	4,916	8,453	280
145	1,486	3,601	176	157	1,699	122	1,170	4,454	9,161	210
145	1,450	3,392	163	159	1,700	123	1,137	4,204	7,342	162
86	853	1,934	90	90	956	68	619	2,544	5,823	107
434	5,714	10,324	422	422	6,050	238	2,708	11,656	19,138	513
302	3,358	5,984	536	323	3,763	219	1,984	7,568	12,433	651
121	1,358	2,909	188	130	1,607	99	1,105	3,704	6,829	224
1,605	22,772	45,337	2,762	1,668	26,442	1,206	17,296	55,657	141,026	3,181
699	9,856	21,466	1,831	797	13,019	662	10,270	30,949	95,381	2,055
438	6,601	12,801	389	408	6,665	237	3,285	12,735	23,463	431
202	2,305	3,562	329	207	2,605	165	1,915	4,032	7,517	387
60	798	1,566	73	51	740	38	510	1,455	3,616	68
14	148	254	16	14	151	11	111	284	791	17
148	2,624	4,764	109	142	2,723	53	828	5,027	7,142	126
44	440	933	35	50	539	40	376	1,176	3,117	48
500	5,829	14,158	794	518	6,598	322	3,214	16,386	25,030	783
46	561	1,112	40	44	576	25	283	1,224	1,847	44
163	1,898	3,618	142	169	2,100	102	985	4,102	6,180	160
23	283	572	24	26	349	15	150	695	1,029	25
109	1,110	2,621	170	111	1,248	75	662	2,987	4,766	153
27	248	478	15	28	276	21	169	588	852	28
100	1,441	5,177	388	107	1,732	58	780	6,077	8,845	347
32	287	580	16	33	318	26	205	743	1,513	26
393	3,487	7,580	302	410	3,868	317	2,446	8,822	16,286	561
50	481	998	29	56	572	41	336	1,181	2,691	69
25	219	392	16	26	242	21	169	538	925	16
113	917	2,161	106	119	1,033	95	670	2,660	4,746	182
31	281	624	34	32	296	23	178	726	1,203	47
44	347	835	21	47	386	38	256	881	1,531	43
131	1,241	2,571	97	130	1,339	99	837	2,837	5,100	205
1,128	19,015	-	-	1,070	20,391	-	-	-	-	-

⁷ Value of production. The formula for computing value added by manufacture was modified to exclude any change in finished products inventories between beginning and end of year.

⁸ Due to changes in industry classification, 1967 data not comparable with later data.

⁹ For 1967, includes ordnance from privately owned and/or operated establishments classified in "Ordnance and accessories." Excludes government-owned and-operated equipment.

¹⁰ Manufacturing concerns often reported separately for central offices or auxiliaries which serve the manufacturing establishments of a company, rather than the general public. Separate reports were obtained from such units if at a different location or if they serviced more than one establishment.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1967 and 1972, General Summary*, MC67(1) and MC72(1)-1; and *Annual Survey of Manufactures, 1970*, M76(A8)-1.

No. 1426. EXPORTS AND EXPORT-RELATED EMPLOYMENT OF MANUFACTURING ESTABLISHMENTS, BY STATES: 1976

[See headnote, table 1422 and footnote 1 of same table concerning employment figures]

STATE	VALUE OF SHIPMENTS (mil. dol.)		MANUFACTURING EMPLOYMENT ¹ (1,000)		STATE	VALUE OF SHIPMENTS (mil. dol.)		MANUFACTURING EMPLOYMENT ¹ (1,000)	
	Total	For exports	Total	Export related		Total	For exports	Total	Export related
U.S.	1,185,695	83,098	18,753	1,173	Mo.	27,469	1,622	424	23
Ala.	17,988	832	330	13	Mont.	2,525	44	22	(z) 4
Alaska	992	233	8	2	Nebr.	8,773	309	88	
Ariz.	6,233	639	99	12	Nov.	725	27	14	(z) 7
Ark.	10,605	651	188	7	N.H.	3,495	291	88	
Calif.	102,041	8,072	1,600	124	N.J.	45,711	2,660	736	35
Colo.	9,586	616	143	9	N. Mex.	1,534	69	30	1
Conn.	18,229	1,958	405	37	N.Y.	76,087	5,320	1,455	84
Del.	5,043	188	66	2	N.C.	35,819	2,202	739	32
D.C.	932	7	18	(z)	N.Dak.	1,236	85	14	1
Fla.	18,091	1,363	331	20	Ohio	88,600	5,794	1,283	84
Ga.	28,391	1,364	469	21	Oklahoma	10,126	579	150	9
Hawaii	1,855	183	24	3	Oreg.	12,299	824	188	13
Idaho	3,448	169	53	2	Pa.	71,919	4,706	1,310	82
Ill.	82,361	6,660	1,256	87	R.I.	4,533	269	115	6
Ind.	45,181	2,828	677	40	S.C.	16,610	935	371	16
Iowa	20,772	1,500	231	20	S. Dak.	1,609	68	22	1
Kans.	14,658	635	168	10	Tenn.	24,756	1,253	479	19
Ky.	20,269	1,137	277	12	Tex.	77,120	5,201	825	59
La.	25,225	1,383	190	9	Utah	4,641	224	71	4
Maine	4,423	255	99	4	Vt.	2,056	200	41	4
Md.	14,762	641	243	11	Va.	20,471	1,545	375	21
Mass.	26,918	2,502	591	48	Wash.	18,843	3,235	244	30
Mich.	80,327	6,888	1,050	74	W. Va.	7,988	447	120	5
Minn.	20,440	1,567	321	23	Wis.	35,427	2,209	520	32
Miss.	10,568	698	210	10	Wyo.	833	10	7	(s)

S Withheld, estimate did not meet publication standards. Z Fewer than 500.

¹ Total State data do not add to U.S. totals because figures were independently derived.

Source: U. S. Bureau of the Census, *Annual Survey of Manufactures*, 1976, M76(A.S)-4.1.

No. 1427. FUELS AND ELECTRIC ENERGY USED IN MANUFACTURING INDUSTRIES: 1958 TO 1977

[Btu=British thermal units. For definition of Btu, see headnote, table 1009]

INDUSTRY GROUP AND TYPE OF ENERGY	1958	1962	1967	1971	1974	1975	1976	1977, prel.
ELECTRIC ENERGY USED								
All manufacturing industries¹								
tril. Btu..	8,248	9,811	11,810	13,002	13,510	12,044	12,625	12,738
Chemicals and allied products	1,542	1,877	2,460	2,660	3,042	2,806	3,017	2,940
Fabricated metal products	190	213	298	350	406	368	381	404
Food and kindred products	766	803	900	1,026	950	914	938	981
Lumber and wood products	90	118	188	233	267	229	244	254
Machinery, except electrical	210	235	311	367	357	328	330	337
Paper and allied products	806	929	1,156	1,315	1,329	1,210	1,295	1,293
Petroleum and coal products	932	1,145	1,394	1,593	1,568	1,533	1,292	1,289
Primary metals	1,769	2,303	2,422	2,445	2,687	2,240	2,381	2,370
Printing and publishing	41	50	66	103	90	87	86	95
Stone, clay, and glass products	945	1,056	1,229	1,304	1,334	1,160	1,220	1,263
TYPE OF ENERGY								
Purchased fuels and electric energy¹								
tril. Btu..	8,248	9,811	11,810	13,002	13,510	12,044	12,625	12,738
Cost	mil. dol.	5,067	6,184	7,892	10,432	19,433	23,237	27,587
Fuels	mil. dol.	2,836	3,261	3,975	5,381	10,984	12,951	15,505
Electric energy	mil. dol.	2,231	2,823	3,717	5,071	8,449	10,286	12,082
Coal	tril. Btu..	2,143	2,343	1,967	1,608	1,252	1,169	1,253
Cost	mil. dol.	638	640	552	658	1,083	1,310	1,342
Fuel oil ²	tril. Btu..	967	1,209	1,092	1,496	1,738	1,726	1,990
Cost	mil. dol.	523	623	536	989	3,315	3,519	4,011
Gas	tril. Btu..	3,268	4,523	5,492	6,680	6,796	5,944	4,824
Cost	mil. dol.	901	1,456	1,749	2,560	4,360	5,658	7,536
Purchased electric energy	tril. Btu..	863	1,071	1,458	1,756	2,085	2,018	2,166
Cost	mil. dol.	2,231	2,823	3,717	5,071	8,449	10,286	12,082

¹ Includes items not shown separately. ² Includes fuel-oil related products.

Source: U. S. Bureau of the Census, *Census of Manufactures*, 1972 and 1977; and *Annual Survey of Manufactures*.

NO. 1428. PERCENT SHARE OF VALUE ADDED BY MANUFACTURE FOR LARGEST COMPANIES IN MANUFACTURING, 1947 TO 1972, AND OF SHIPMENTS AND EMPLOYEES, 1972

[Companies ranked on value added by manufacture; companies in each group are not identical for all years. See also *Historical Statistics, Colonial Times to 1970*, series P 177-180]

ITEM	1947	1954	1963	1967	1970	1972		
						Value added	Shipments, value ¹	Employment ²
Largest 50 companies....	17	23	25	25	24	25	24	17
Largest 100 companies....	23	30	33	33	33	33	32	23
Largest 150 companies....	27	34	37	38	38	39	38	28
Largest 200 companies....	30	37	41	42	43	43	43	31

¹ Includes central administrative offices and auxiliaries.

² See footnote 5, table 1425.

Source: U.S. Bureau of the Census, *Annual Survey of Manufactures, 1970*, *Value of Shipment Concentration Ratios, M70(AS)-9*, and *Census of Manufactures, 1972, Concentration Ratios in Manufacturing, MC72(SR)-2*.

NO. 1429. PERCENT OF SHIPMENTS ACCOUNTED FOR BY LARGE MANUFACTURING COMPANIES, SELECTED INDUSTRIES: 1963 TO 1972

[Prior to 1967, excludes Alaska and Hawaii. First 32 industries (excluding those classified as "Miscellaneous" or "Not elsewhere classified") as determined by value added by manufacture in 1972 of \$2 billion or more. Industry codes and descriptions are based on the 1972 *Standard Industrial Classification Manual* (SIC), see text, p. 796. Determination of company affiliation of establishment is based on census reports and publicly available records. "Largest" companies are determined by each company's value added by manufacture in the specified industry. Industries in the "not elsewhere classified" category are omitted, regardless of their value added]

In- du- stry code ¹	INDUSTRY AND YEAR	Num- ber of com- panies	Value added by man- ufac- ture ² (mil. dol.)	Total value of ship- ments ³ (mil. dol.)	PERCENT OF SHIPMENTS, RANKED BY COMPANY SIZE			
					4 larg- est	8 larg- est	20 larg- est	50 larg- est
3711	Motor vehicles and car bodies.....	1967	107	7,854	27,296	92	98	99+
		1972	165	11,783	42,906	93	99	99+
3312	Blast furnaces and steel mills.....	1963	161	7,506	16,418	51	70	86
		1967	200	8,910	19,621	48	66	83
		1972	245	10,305	23,947	45	65	84
3714	Motor vehicle parts and accessories.....	1967	1,424	5,712	11,624	60	68	78
		1972	1,748	9,163	18,334	61	69	78
2711	Newspapers.....	1963	7,982	3,202	4,484	15	22	36
		1967	7,589	4,184	5,757	16	25	40
		1972	7,461	6,220	8,263	17	28	43
3662	Radio and TV communications equip.....	1963	1,001	4,328	7,146	29	45	60
		1967	1,111	5,456	8,556	22	37	61
		1972	1,524	5,808	9,140	19	33	58
2834	Pharmaceutical preparations.....	1963	944	2,596	3,314	22	38	72
		1967	791	3,720	4,696	24	40	73
		1972	680	5,640	7,150	26	44	75
3721	Aircraft.....	1963	82	4,543	46,317	59	83	99
		1967	91	4,448	41,080	69	89	99
		1972	141	5,083	8,779	66	86	99
2011	Petroleum refining.....	1963	266	3,187	16,497	34	56	82
		1967	276	4,745	20,294	33	57	84
		1972	152	4,595	25,921	31	56	84
3861	Photographic equipment and supplies.....	1963	499	1,270	1,851	63	76	86
		1967	505	2,481	3,665	69	81	89
		1972	555	4,088	5,624	74	85	92
2051	Bread, cake, and related products.....	1963	4,339	2,404	4,506	23	35	45
		1967	3,445	2,753	5,103	26	38	47
		1972	2,800	3,618	6,132	29	39	50
3585	Refrigeration and heating equipment.....	1963	655	893	(N.A.)	25	39	58
		1967	624	1,480	(N.A.)	31	45	62
		1972	655	3,617	7,084	40	53	70
3573	Electronic computing equipment.....	1967	134	1,926	3,771	66	83	92
		1972	518	3,419	6,471	51	63	78
2752	Commercial printing, lithographic.....	1963	6,738	1,392	2,150	6	10	16
		1967	6,718	1,398	3,139	5	8	15
		1972	8,160	3,155	5,125	4	8	15

See footnotes at end of table.

No. 1429. PERCENT OF SHIPMENTS ACCOUNTED FOR BY LARGE MANUFACTURING COMPANIES, SELECTED INDUSTRIES: 1963 TO 1972—Continued

[See headnote, p. 813]

Industry code ¹	INDUSTRY AND YEAR	Number of companies	Value added by manufacture ² (mil. dol.)	Total value of shipments ³ (mil. dol.)	PERCENT OF SHIPMENTS, RANKED BY COMPANY SIZE				
					4 largest	8 largest	20 largest	50 largest	
3531	Construction machinery	1963	561	1,301	2,696	42	53	70	84
		1967	578	2,506	4,138	41	53	72	85
		1972	644	3,131	6,091	43	54	72	86
3011	Tires and inner tubes	1963	105	1,322	2,950	70	89	97	99+
		1967	119	1,823	3,734	70	88	97	100
		1972	136	3,071	5,747	73	90	98	99+
2011	Meatpacking plants	1963	2,833	1,908	12,435	31	40	49	60
		1967	2,529	2,221	15,576	26	39	49	61
		1972	2,293	2,968	23,008	22	37	51	66
3761	Guided missiles and space vehicles	1967	(NA)	3,339	4,641	(NA)	(NA)	(NA)	(NA)
		1972	23	2,949	4,124	62	88	(D)	100
2821	Papermills, exc. building paper	1963	186	1,857	3,825	26	42	63	85
		1967	203	2,356	4,844	26	43	65	86
		1972	194	2,909	6,385	24	40	66	88
2421	Sawmills and planing mills, general	1963	11,931	1,376	3,156	11	14	20	29
		1967	10,016	1,556	3,506	11	15	22	31
		1972	7,664	2,907	6,421	18	23	33	45
2844	Toilet preparations	1963	673	1,233	1,793	38	52	75	90
		1967	628	1,731	2,516	38	52	74	90
		1972	593	2,834	4,058	38	53	74	91
3465	Automotive stampings	1972	388	2,664	5,286	69	72	79	87
3661	Telephone, telegraph apparatus	1963	65	1,014	1,736	92	96	99	99+
		1967	82	1,537	2,591	92	96	99	99+
		1972	157	2,650	4,525	(D)	(D)	98	99+
2026	Fluid milk	1963	4,030	2,203	7,026	23	30	40	48
		1967	2,988	2,351	7,826	22	30	42	51
		1972	2,024	2,552	9,396	18	26	42	56
2086	Bottled and canned soft drinks	1963	3,569	1,233	2,211	12	17	24	34
		1967	3,057	1,679	3,173	13	20	28	38
		1972	2,271	2,387	5,454	14	21	32	44
3321	Gray iron foundries ⁵	1963	1,062	1,169	1,985	28	37	51	65
		1967	969	1,543	2,638	27	36	50	64
		1972	893	2,257	3,877	34	45	59	71
3523	Farm machinery and equipment	1963	1,481	(NA)	2,842	43	55	67	77
		1967	1,526	2,042	4,300	44	56	68	77
		1972	1,465	2,248	4,530	47	61	69	78
2111	Cigarettes	1963	7	6 1,310	6 2,655	80	100	(X)	(X)
		1967	8	6 1,640	6 3,045	81	100	(X)	(X)
		1972	13	6 2,188	6 3,745	84	(D)	100	(X)
2821	Plastics materials and resins	1972	193	2,161	4,478	27	41	65	90
		1963	2,562	1,349	2,996	28	42	59	73
		1967	2,430	1,869	3,096	24	37	56	72
2824	Organic fibers, noncellulosic	1963	14	922	1,403	94	99	100	(X)
		1967	22	1,252	2,033	84	94	(D)	100
		1972	36	2,040	3,639	74	91	99+	100
2841	Soap and other detergents	1963	641	1,187	2,128	72	80	88	93
		1967	599	1,404	2,593	70	78	86	92
		1972	577	2,089	3,394	62	74	85	92
2751	Commercial printing, letterpress	1963	11,979	(NA)	2,645	13	19	28	38
		1967	11,955	(NA)	3,256	14	21	29	39
		1972	13,040	2,015	3,292	14	19	26	35

¹ D Withheld to avoid disclosure. NA Not available. X Not applicable. ² See headnote. ³ See headnote.⁴ Value of work done reported instead of value of shipments; therefore, value added not adjusted for inventory change. ⁵ Includes foundries producing gray-iron castings for other plants of the same company. Accordingly, percentages do not reflect market shares in industry as such. ⁶ Value of production reported instead of value of shipments; therefore, formula for computing adjusted value added modified to include only changes in work-in-process inventories between beginning and end of year.Source: U.S. Bureau of the Census, *Census of Manufactures, 1972, Concentration Ratios in Manufacturing*, MC72 (SR)-2.

No. 1430. BEVERAGE INDUSTRY—SUMMARY: 1965 TO 1976

YEAR AND ITEM	Total	Malt beverages	Malt	Wines, brandy, brandy spirits	Distilled liquor, exc., brandy	Soft drinks (bottled, canned)	Flavoring, extracts, sirups
1965: Employees.....	1,000	211	61	2	6	19	114
Payroll.....	mil. dol.	1,348	488	16	42	126	614
Value added by manufacture.....	mil. dol.	4,151	1,360	51	167	713	1,373
Value of shipments.....	mil. dol.	7,728	2,497	204	396	1,288	2,505
1970: Employees.....	1,000	228	57	2	9	21	129
Payroll.....	mil. dol.	1,884	616	19	71	171	916
Value added by manufacture.....	mil. dol.	6,144	2,028	58	258	887	2,121
Value of shipments.....	mil. dol.	12,373	3,822	210	591	1,758	4,631
1975: Employees.....	1,000	204	47	2	11	16	117
Payroll.....	mil. dol.	2,417	726	24	131	198	1,209
Value added by manufacture.....	mil. dol.	8,109	2,008	121	500	1,056	3,321
Value of shipments.....	mil. dol.	20,395	5,641	591	1,197	2,003	8,602
1976: Employees.....	1,000	204	42	2	10	16	122
Payroll.....	mil. dol.	2,629	750	24	133	211	1,364
Value added by manufacture.....	mil. dol.	8,833	2,266	87	540	1,101	3,556
Value of shipments.....	mil. dol.	21,069	6,025	515	1,213	2,116	8,780

Source: U.S. Bureau of the Census, *Annual Survey of Manufactures*.

No. 1431. ALCOHOLIC BEVERAGES—SUMMARY: 1960 TO 1978

[For years ending June 30 except, beginning 1977, ending Sept. 30. Includes Puerto Rico. Excludes imports. See *Historical Statistics, Colonial Times to 1970*, series P 235 for beer production, and P 236a for distilled spirits]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978
Beer:										
Breweries operated.....	Number.....	229	197	154	129	118	117	96	95	(NA)
Production.....	Mil. bbl. ¹	95	108	135	143	153	158	161	170	176
Tax-paid withdrawals.....	Mil. bbl. ¹	89	100	123	134	142	147	149	156	160
Stocks on hand, June 30.....	Mil. bbl. ¹	11	13	15	14	14	14	14	14	14
Per capita consumption ²	Gallons.....	24.0	25.5	28.6	29.7	31.0	32.8	31.2	32.3	32.9
Of domestic output.....	Gallons.....	23.9	25.3	28.4	29.5	30.8	32.4	30.8	31.8	32.2
Distilled spirits:										
Production facilities operated.....	Number.....	178	153	140	115	120	115	107	96	(NA)
Warehouses operated.....	Number.....	241	268	274	262	255	241	233	222	(NA)
Production, total ³	Mil. tax gal. ⁴ ⁵	273	276	355	282	258	278	234	225	268
Whisky.....	Mil. tax gal. ⁴ ⁶	150	118	160	112	93	50	79	82	71
Tax-paid withdrawals, total ⁶	Mil. tax gal. ⁴ ⁵	178	205	256	253	292	295	304	296	321
Whisky.....	Mil. tax gal. ⁴ ⁵	84	90	112	136	138	137	135	126	136
Stocks on hand, June 30, total ³	Mil. tax gal. ⁴ ⁵	932	990	1,091	985	933	836	782	726	670
Whisky.....	Mil. tax gal. ⁴ ⁵	814	841	960	926	876	780	723	668	611
Bottled for consumption, total.....	Mil. wine gal. ⁷	204	244	312	337	349	357	369	361	390
Whisky.....	Mil. wine gal. ⁷	147	161	192	188	184	182	179	166	176
Per capita consumption ²	Wine gal. ⁷	1.87	2.13	2.61	2.81	2.89	2.49	2.11	2.67	2.88
Of domestic output.....	Wine gal. ⁷	1.54	1.66	1.91	2.00	2.03	1.75	2.00	1.93	2.05
Still wines:										
Production ⁸	Mil. wine gal. ⁷	511	565	713	599	848	782	768	771	731
Tax-paid withdrawals ⁹	Mil. wine gal. ⁷	148	163	204	275	274	287	303	306	313
Stocks on hand, June 30 ¹⁰	Mil. wine gal. ⁷	143	157	207	237	307	325	325	392	431
Per capita consumption ²	Wine gal. ⁷	1.36	1.44	1.70	2.31	2.26	2.20	2.40	2.45	2.59
Of domestic output.....	Wine gal. ⁷	1.28	1.32	1.52	1.95	1.91	1.96	1.95	2.35	2.31
Effervescent wines: ¹¹										
Production ⁸	Mil. wine gal. ⁷	4.1	6.4	20.0	20.4	20.3	18.0	20.2	21.2	23.8
Tax-paid withdrawals.....	Mil. wine gal. ⁷	3.3	5.7	17.1	19.7	18.7	17.6	18.8	20.3	21.2
Stocks on hand, June 30.....	Mil. wine gal. ⁷	2.7	3.6	8.1	9.2	9.5	9.0	9.4	10.4	11.4
Per capita consumption ²	Wine gal. ⁷.....	.04	.06	.15	.15	.14	.13	.14	.16	.17
Of domestic output.....	Wine gal. ⁷.....	.03	.05	.13	.14	.13	.12	.12	.14	.14

NA Not available. ¹ Barrels of 31 wine gallons (see footnote 7).

² Source: U.S. Dept. of Commerce, Industry and Trade Administration. Based on U.S. Bureau of the Census estimated population 18 years old and over, as of July 1, including Armed Forces abroad. ³ Excludes alcohol produced for industrial use. ⁴ A tax gallon for spirits of 100 proof or over is equivalent to the proof gallon; for spirits of less than 100 proof to the wine gallon. (See footnotes 5 and 7.) ⁵ A proof gallon is the alcoholic equivalent of a U.S. gallon at 60°F, containing 50 percent of ethyl alcohol by volume. ⁶ Includes ethyl alcohol.

⁷ A wine gallon is the U.S. gallon equivalent to the volume of 231 cubic inches.

⁸ Production represents total amount removed from fermenters, including distilling material, and, beginning 1970, includes increase after fermentation (by amelioration, sweetening, and addition of wine spirits). In 1973, 258 million gallons of distilling materials were produced; 1974, 389 million gal.; 1975, 359 mil. gal.; 1976, 343 million gal. 1977, 347 million gal.; and 1978, 258 mil. gal. ⁹ Includes special natural wines. ¹⁰ Excludes distilling materials. ¹¹ Includes champagne, other effervescent wines, and artificially carbonated wines.

Source: Except as noted, U.S. Bureau of Alcohol, Tobacco, and Firearms, *Alcohol and Tobacco Summary Statistics*, annual.

No. 1432. TOBACCO PRODUCTS—PRODUCTION AND CONSUMPTION: 1950 TO 1978
 [Beginning 1960, production data are for years ending June 30. Excludes cigars produced in customs bonded manufacturing warehouses. See also *Historical Statistics, Colonial Times to 1970*, series P 239-241]

ITEM	1950	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Production:											
Cigarettes ¹ billions	392	506	562	582	593	616	652	627	688	673	688
Cigars ¹ billions	5.5	6.9	8.9	8.0	8.0	11.4	8.7	8.3	6.7	5.8	5.6
Tobacco ² mil. lb.	235	176	169	164	157	149	152	155	153	155	156
Per capita consumption: ³											
All products ⁴ lb. ⁴	12.3	11.8	11.5	9.6	9.7	9.5	9.4	9.1	8.6	8.5	8.2
Cigarettes ⁴ 1,000	3.5	4.2	4.3	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.0
Weight ⁴ lb. ⁴	9.54	9.64	9.37	7.78	7.95	7.92	7.90	7.73	7.27	7.20	7.00
Cigars ⁴ number	53	61	70	60	52	49	44	39	36	33	30
Weight ⁴ lb. ⁴	1.25	1.18	1.24	1.00	.88	.77	.70	.63	.57	.54	.50
Tobacco ⁴ lb. ⁴	1.50	.99	.88	.83	.79	.75	.75	.72	.73	.70	.69

¹ Large and small. Source: U.S. Bureau of Alcohol, Tobacco, and Firearms, *Alcohol and Tobacco Summary Statistics*, annual. ² Smoking and chewing tobaccos and snuff. Source: U.S. Dept. of Agriculture, Agricultural Marketing Service, *Manufacture and Sales of Snuff, Smoking, and Chewing Tobacco*, quarterly.

³ Based on U.S. Bureau of the Census estimated population 18 years old and over, as of July 1, including Armed Forces abroad. 1978 data preliminary. ⁴ Unstemmed processing weight equivalent. ⁵ Weighing over 3 pounds per 1,000.

Source: Except as noted, U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Tobacco Situation*, quarterly.

No. 1433. MILL CONSUMPTION OF NATURAL AND MANMADE FIBERS: 1950 TO 1978

[Totals in millions of pounds; per capita in pounds. 1978 preliminary. Prior to 1960, excludes Alaska and Hawaii. Per capita figures based on U.S. Bureau of the Census population estimates as of July 1, including Armed Forces abroad. See *Historical Statistics, Colonial Times to 1970*, series P 229 and P230, for wool and silk]

ITEM	1950	1955	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Cotton, total ¹	4,683	4,382	4,234	4,522	3,854	3,864	3,658	3,309	3,027	3,414	3,183	3,041
Per capita	30.9	26.5	23.4	23.2	18.8	18.5	17.4	15.6	14.2	15.9	14.7	13.9
Wool, total ²	635	414	411	387	240	219	151	93	110	122	108	115
Per capita	4.2	2.5	2.3	2.0	1.2	1.0	.7	.4	.5	.6	.5	.5
Flax, total	11	8	5	8	6	6	7	7	3	4	3	4
Silk, total	11	11	7	6	2	2	3	3	1	3	2	2
Manmade fibers: ³												
Rayon, acetate, total	1,350	1,419	1,055	1,550	1,414	1,413	1,390	1,111	801	855	862	871
Per capita	8.9	8.6	5.8	8.0	6.9	6.8	6.6	5.2	3.8	4.0	4.0	4.0
Noncellulosic, total	141	432	762	1,962	4,086	6,153	7,275	6,589	6,615	7,198	8,027	8,365
Per capita	.9	2.6	4.2	10.1	19.9	29.5	34.6	31.1	31.0	33.4	37.1	38.3

¹ Reported by U.S. Bureau of the Census. For American cotton, tare as reported by Crop Reporting Board is deducted. For foreign cotton, 15 pounds deducted, 1950-1965; 20 pounds thereafter.

² Reported by U.S. Bureau of the Census. Excludes consumption in cotton and other spinning systems and consumption in batting and felt manufacture. ³ From *Textile Organon*. Represents domestic shipments plus imports for consumption. Includes textile glass-fiber and producers waste consumed at mills.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Cotton and Wool Situation*, April 1979.

No. 1434. RAW COTTON—SPINDLES, CONSUMPTION, AND STOCKS: 1950 TO 1978

[For years ending July 31. Excludes Alaska and Hawaii. Consumption and stocks are expressed in running bales, counting round as half bales, except foreign cotton which is in equivalent 500-pound bales. See *Historical Statistics, Colonial Times to 1970*, series P 228, for total cotton consumed including linters]

ITEM	1950	1955	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Cotton systems spindle:												
Total in place ¹ mil.	23.0	22.3	20.0	19.3	19.9	18.3	18.0	17.8	17.5			
Total active ² mil.	21.8	20.7	19.2	18.8	19.1	16.8	17.0	16.8	16.3			
Spindle hours ³ bil.	109	113	113	102	74	44	51	45	42			
Cotton consumed, total ⁴ mil. bales.	8.9	8.8	9.0	9.2	8.0	5.6	7.0	6.5	6.2			
Cotton stocks, end of year ⁵ mil. bales.	6.5	11.0	7.3	14.1	5.4	5.2	3.4	2.8	4.9			
Domestic ⁶ mil. bales.	6.4	10.9	7.3	14.0	5.4	5.2	3.4	2.8	4.9			

¹ All spindles in place regardless of fiber spun. ² Active last day of year, regardless of type of fiber spun. On July 29, 1978, there were 6,366,000 spindles active on cotton, 9,958,000 on manmade and other fibers and blends, and 1,524,000 idle. ³ Consuming 100 percent cotton. ⁴ Excludes linters. Includes foreign and domestic cotton. ⁵ Excludes linters. Includes stocks at public storage and compresses.

Source: U.S. Bureau of the Census, *Cotton Production and Distribution*, annual, and *Current Industrial Reports*, series M22P.

NO. 1435. WOOL—PRODUCTION, PRICE, AND SUPPLY: 1960 TO 1978

[In millions of pounds, except as indicated. For 1960 and as noted, excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970*, series K 559-560, for shorn wool production and price, and series P 229, for wool consumed in manufacturing]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978 ¹
Stocks of apparel wool, Jan. 1 ²	101	73	75	57	41	41	39	31	35
Sheep and lambs shorn.....	31	24	19	17	16	14	14	13	13
Weight per fleece.....	8.5	8.5	8.4	8.3	8.2	8.3	8.1	8.1	8.1
Shorn wool production (grease basis).....	265	201	182	144	131	120	111	107	101
Price per pound ³	42.0	47.1	35.4	82.7	59.2	44.7	65.7	72.0	74.5
Pulled wool production (actual).....	34	23	15	8	6	5	4	2	1
Total wool production (grease basis).....	299	225	177	152	137	125	115	109	102
Wool, clean basis:									
Total production.....	145	113	88	75	68	61	56	55	51
Imports of dutiable wool ⁴	74	163	80	18	12	17	38	34	27
Imports of duty free wool ⁵	154	109	73	40	15	17	19	19	23
Exports of apparel wool ⁶	60	617	200	3,726	4,271	7,664	1,130	385	425
Total new supply ⁶	320	349	243	150	121	119	133	120	113
Consumed in manufacturing ^{7,8}	411	387	240	151	94	110	122	108	115
Apparel class ⁹	246	275	164	110	75	94	107	98	102
Carpet class.....	165	112	77	41	19	16	15	13	13

¹ Preliminary. ² Scoured basis. ³ Weighted season average price received by farmers, 1960, April–March marketing season; thereafter, calendar year. ⁴ Imports for consumption. Dutiable imports include all apparel wool, and duty-free imports include all carpet wool. ⁵ Beginning 1965, includes carpet wool. ⁶ Production, imports, and stock of apparel wool Jan. 1. ⁷ Scoured wool, plus greasy wool reduced to scoured basis. Wool regarded as suitable for apparel purposes; formerly "Combing and Clothing."

⁸ Excludes Alaska and Hawaii. ⁹ Includes raw wool consumed on woollen and worsted systems only.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Agricultural Statistics*, annual. Exports and imports from U.S. Bureau of the Census.

NO. 1436. BROADWOVEN GOODS AND FABRICS—PRODUCTION BY TYPE: 1960 TO 1978

[In billions of linear yards. Excludes Alaska and Hawaii. Fabrics classified by primary fiber content]

PRODUCT	1960	1965	1970	1973	1974	1975	1976	1977	1978
Broadwoven goods, total.....	9.6	11.0	9.7	9.7	8.4	8.0	8.3	8.2	(NA)
Cotton.....	7.4	7.7	5.2	4.5	3.6	3.5	3.5	3.3	(NA)
Manmade fiber fabrics and silk ¹	2.1	3.3	4.5	5.2	4.7	4.6	4.8	4.9	(NA)
Bleached and white finished ²	5.0	6.4	6.1	5.8	5.2	4.7	5.1	5.1	(NA)
Cotton.....	3.2	3.5	2.4	2.0	1.8	1.6	1.6	1.6	(NA)
Manmade fiber fabrics and silk ^{1,2}	1.8	2.8	3.7	3.8	3.4	3.1	3.5	3.5	(NA)
Plain dyed and finished cottons.....	2.5	2.7	1.8	1.6	1.2	1.2	1.3	1.2	(NA)
Printed and finished goods ³	2.1	1.9	1.9	2.4	1.9	2.1	2.0	1.9	(NA)
Broadwoven gray fabrics, total.....	12.1	13.4	11.5	11.3	10.7	9.5	10.9	10.7	10.7
Cotton woven goods over 12 in. in width ⁴	9.4	9.2	6.2	5.1	4.7	4.1	4.7	4.4	4.0
Sheeting, allied coarse, medium yarn fabrics.....	2.5	2.6	1.8	1.3	1.1	.9	.9	.7	.7
Print cloth yarn fabrics.....	3.3	3.1	2.4	2.0	1.9	1.5	1.8	1.7	1.5
Manmade fiber fabrics ⁴	(NA)	3.9	5.0	6.1	5.9	5.3	6.1	6.2	6.6
100 percent filament yarn.....	(NA)	1.6	1.5	1.9	2.0	1.7	2.0	2.0	2.3
100 percent spun yarn ⁵	(NA)	1.5	2.9	3.5	3.3	3.0	3.5	3.6	3.7
Polyester blends with cotton.....	(NA)	.7	2.0	2.5	2.4	2.4	2.7	2.7	2.6
Woolen and worsted ⁶.....	.3	.3	.2	.1	(Z)	(Z)	(Z)	.1	.1

NA. Not available. Z. Less than 500 million. ¹ Fabrics made of polyester, rayon, acetate, nylon, silk, glass, acrylic fibers, etc. ² Includes plain dyed manmade fibers.

³ Includes roller, screen, and block printed; excludes printed towels, tablecloths, flock, plisse, moire, or embossed. ⁴ Excludes fabrics not shown separately. ⁵ Except blanketing. ⁶ Except woven felts; in terms of finished yardage.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-22S and MQ-22T.

NO. 1437. LEATHER—PRODUCTION, BY PRINCIPAL TYPES OF RAW STOCK: 1960 TO 1977
[In thousands. Excludes Alaska and Hawaii]

ITEM	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977
Cattle hides and side kips.....	21,969	23,436	20,353	20,477	20,084	17,768	17,084	18,830	20,231	18,512
Calf and whole kip skins.....	6,332	6,263	2,717	1,621	1,603	1,282	(NA)	(NA)	(NA)	(NA)
Goat and kid skins.....	18,335	14,557	3,979	3,148	3,522	(NA)	(NA)	(NA)	(NA)	(NA)
Sheep and lamb skins ¹	30,478	30,316	23,598	21,385	20,191	14,504	13,069	11,675	11,453	12,889

NA. Not available. ¹ Includes flesh side-leather of split sheepskins (fleshers); excludes grain leather (skivers).

Source: Tanner's Council of America, Inc., New York, N.Y., unpublished data.

NO. 1438. MALE AND FEMALE CLOTHING: 1960 TO 1978

[See *Historical Statistics, Colonial Times to 1970*, series P 242-243]

ITEM		1960	1965	1970	1972	1973	1974	1975	1976	1977	1978 ¹
MALE CLOTHING											
Men's suits	mil. units	21.3	21.9	17.7	18.7	16.7	16.8	13.7	16.2	17.3	17.2
Boys' suits ²	mil. units	5.1	6.6	4.7	3.5	3.0	2.9	2.5	2.5	3.6	(NA)
Separate trousers (men's)	mil. units	100.3	142.3	173.6	166.6	171.1	156.6	118.9	132.2	124.7	112.8
Separate coats	mil. units	14.2	18.3	16.1	24.3	25.3	21.1	13.1	13.8	16.5	(NA)
Men's and youths'	mil. units	10.2	12.3	11.8	21.3	21.3	18.6	11.5	12.9	15.6	16.0
Boys'	mil. units	4.0	4.0	4.3	3.0	4.0	2.5	1.6	.9	.9	(NA)
Woven shirts, men's ³	mil. doz.	23.2	28.2	20.8	22.0	20.1	20.4	17.4	19.5	19.0	15.7
Overalls ⁴	mil. doz.	7.5	10.6	17.9	22.9	23.1	22.0	22.7	25.1	25.3	(NA)
Work shirts (incl. flannels)	mil. doz.	3.8	4.0	4.1	4.5	4.1	3.4	2.9	3.7	4.0	3.9
FEMALE CLOTHING											
Blouses	mil. doz.	15.6	19.0	13.3	15.9	17.0	17.2	18.3	19.7	23.5	27.9
Unit-priced dresses	mil. units	155	178	159	156	147	129	115	117	130	129
Dozen-priced dresses	mil. doz.	8.2	8.6	7.7	7.4	6.7	5.1	4.9	4.5	4.4	4.2
Suits ⁵	mil. units	9.4	11.9	8.8	7.3	8.0	7.8	9.0	11.7	36.9	27.9
Skirts	mil. doz.	8.3	8.9	6.9	5.2	5.0	4.4	4.3	4.9	5.3	6.4
Untrimmed coats	mil. units	21.0	19.1	17.0	23.7	22.9	20.5	18.4	20.7	18.1	18.7
Fur-trimmed coats	mil. units	2.5	6.1	4.7							
Knit outerwear:											
Sweaters	mil. doz.	6.4	7.3	5.3	6.5	7.0	6.3	6.6	6.1	7.4	6.3
Sport shirts	mil. doz.	2.3	3.4	4.0	6.6	6.4	7.4	7.8	8.4	9.5	(NA)

NA. Not available. ¹ Data preliminary for female clothing. ² Excludes leisure suits.³ Beginning 1970, includes uniform suits and coats. ⁴ Excludes leisure coats. ⁵ Includes dress and sport.⁶ Includes jeans-cut casual slacks. ⁷ Beginning 1977, includes pant suits.Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-23A, MA-23B, and MA-23H.

NO. 1439. SHOES AND SLIPPERS—PRODUCTION, BY CLASS: 1960 TO 1978

[In millions of pairs. Excludes Alaska and Hawaii, except as noted. Excludes rubber and plastic footwear. 1978 preliminary. See *Historical Statistics, Colonial Times to 1970*, series P 260-261, for men's and women's shoes]

CLASS	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Footwear, except slippers ¹	2 526.6	536.0	466.1	428.4	398.9	367.6	342.5	357.7	325.1	326.1
Shoes, sandals, playshoes	514.1	526.2	451.8	417.6	386.7	355.3	331.1	345.5	309.8	308.1
Men's, youths', boys'	124.7	143.8	143.5	149.9	140.9	128.0	121.2	128.1	118.8	113.3
Women's	279.8	280.0	230.2	193.2	179.3	167.1	154.1	155.9	140.1	140.1
Misses	40.2	36.5	23.2	25.2	17.5	15.8	13.1	15.6	11.8	15.8
Children's	32.7	33.5	25.9	23.0	23.8	20.6	18.5	21.0	17.6	17.1
Infants' and babies'	36.6	32.5	29.0	26.3	25.2	23.8	24.2	24.9	21.5	21.8
Athletic shoes	7.0	7.0	9.0	8.7	9.7	9.9	7.9	10.1	12.6	15.6
Slippers for housewear	73.5	90.2	96.2	98.3	91.2	85.5	70.5	64.9	65.9	62.2

¹ Includes other footwear, not shown separately. ² Includes Hawaii, not distributed by class.Source: U.S. Bureau of the Census, *Current Industrial Reports*, series M31A.

NO. 1440. HOSIERY—PRODUCTION, BY TYPE: 1960 TO 1978

[In millions of dozens of pairs. Excludes Alaska and Hawaii. Excludes slipper socks]

TYPE	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
All types	154.9	198.2	244.1	227.9	227.4	216.4	224.8	253.9	257.4	263.8
Women's	65.0	92.7	125.7	102.7	99.9	88.7	97.7	113.8	110.6	110.9
Pantyhose	(NA)	(NA)	88.4	80.9	75.0	60.0	61.3	70.4	68.7	74.0
Stockings	64.9	92.3	36.3	17.2	15.6	13.2	8.9	7.6	6.6	6.5
Knee-highs and anklets (sheer)	.2	.4	1.0	4.6	9.3	15.5	27.6	35.9	35.3	30.5
Infants' and children's ¹ ²	17.8	18.8	20.6	21.7	22.7	22.1	22.0	27.7	29.4	29.8
Anklets	17.1	17.4	15.3	17.3	17.8	17.3	17.3	21.3	21.3	22.1
Knee-highs	.7	1.4	4.2	3.6	4.1	4.2	4.1	5.5	6.1	6.4
Girls', boys', and women's ³	20.8	35.2	33.6	40.0	41.2	41.4	41.9	46.4	49.0	46.7
Foot socks	(NA)	.9	2.8	4.5	4.1	4.7	4.4	5.7	6.8	7.6
Anklets	19.4	28.9	20.4	21.3	22.2	20.7	20.7	21.3	20.2	18.5
Knee-highs	1.5	5.5	10.4	14.2	15.0	16.1	16.8	19.4	21.9	20.6
Men's (sizes 10 and up) ²	51.2	51.6	64.2	63.5	63.7	64.2	63.2	66.0	69.3	76.4
Anklets	39.0	43.5	54.0	52.8	52.8	53.8	51.1	51.3	50.5	51.3
Mid-calf and knee-highs	(NA)	8.1	10.0	10.5	10.8	10.3	11.9	14.5	18.6	11.3

NA. Not available. ¹ Sizes 3-8½.² Beginning 1970, includes types not shown separately. ³ Sizes 8-11.Source: National Association of Hosiery Manufacturers, Charlotte, N.C., *Hosiery Statistics*, annual. (Copyright.)

NO. 1441. CHEMICALS—PRODUCTION, BY KIND: 1965 TO 1977

[In thousands of short tons, except as indicated. Data for chemicals shown are restricted to a selected group composed for the most part of inorganic chemicals and related products which are sufficiently important economically to justify publication. Includes data for chemicals produced by Tennessee Valley Authority, and by Government-owned privately operated plants. See *Historical Statistics, Colonial Times to 1970*, series P 248, 249, and 251, for sodium hydroxide, ammonia (anhydrous), and sulfuric acid, respectively.]

CHEMICAL	1965	1970	1973	1974	1975	1976	1977
Acetylene ¹ mil. cu. ft.	16,659	14,834	8,278	7,807	6,704	7,111	5,972
Aluminum chloride:							
Anhydrous (100% AlCl ₃).....	33	31	37	37	27	34	45
Liquid and crystal (32° Bé).....	26	23	(D)	(D)	(D)	(D)	(D)
Aluminum sulfate (17% Al ₂ O ₃):	1,063	1,191	1,252	1,278	1,163	1,202	1,255
Commercial iron free.....	59	71	230	232	252	174	123
Ammonia, synthetic anhydrous.....	8,869	13,824	15,098	15,732	16,419	16,716	17,576
Ammonium nitrate, original solution (100% NH ₄ NO ₃).....	4,663	6,456	7,157	7,542	7,088	7,186	7,177
Ammonium sulfate, synthetic (technical) ²	1,947	1,894	2,054	2,080	2,106	2,010	2,181
Argon (refined)..... mil. cu. ft.	1,286	2,742	4,382	4,088	4,457	5,107	5,925
Calcium carbide (commercial).....	1,098	791	290	324	253	244	251
Calcium phosphate dibasic (100% CaHPO ₄).....	263	594	540	611	522	655	699
Carbon, activated ³	86	80	84	75	74	72	79
Carbon dioxide (liquid, gas, and solid) ⁴	1,086	1,135	1,568	1,804	1,850	2,064	2,256
Chlorine, gas ⁵	6,517	9,764	10,402	10,753	9,167	10,378	10,573
Chrome, yellow and orange (C.P.).....	29	32	37	38	26	35	35
Chrome orange, molybdate (O.P.).....	9	11	14	15	10	16	16
Hydrochloric acid (100% HCl).....	1,370	2,014	2,516	2,451	2,009	2,541	2,706
Hydrofluoric acid, anhydrous and aqueous (100% HF).....	150	240	269	282	213	182	179
Hydrogen, high purity (99.5-100%) ⁷ bil. cu. ft.	30		60	65	82	74	82
Hydrogen, lower purity (less than 99.5%) ⁷ bil. cu. ft.	92						85
Hydrogen peroxide (100% by weight).....	53	61	80	94	80	94	94
Nitric acid (100% HNO ₃).....	4,898	6,670	8,441	8,120	7,527	7,791	7,951
Nitrogen, high purity (99.5-100%).....	72	151	8228	8243	8252	8289	8331
Nitrogen solutions (100% N)..... bil. cu. ft.	1,112	1,721	1,947	2,102	2,068	2,117	2,468
Oxygen, high purity (99.5-100% O)..... bil. cu. ft.	182	284	392	390	353	388	393
Oxygen, lower purity (less than 99.5%)..... bil. cu. ft.	2,170	1,890					
Phosphoric acid (100% P ₂ O ₅).....	3,905	5,683	6,848	7,213	7,677	7,949	8,957
Phosphorus (white and red).....	556	597	526	524	450	437	431
Potassium hydroxide (88-92% KOH).....	181	175	220	208	236	252	301
Potassium pyrophosphate (100% K ₄ P ₂ O ₇).....	55	40	42	40	41	40	41
Sodium bichromate and chromate.....	141	154	159	179	125	157	157
Sodium carbonate: Synthetic (58% Na ₂ O); ⁹							
Total crude bicarbonate equivalent ¹⁰	4,926	4,393	3,813	3,507	2,802	3,344	1,812
Finished light ¹¹	2,272	1,771	1,768	1,711	1,284	1,016	(D)
Finished dense.....	2,309	2,483	1,920	1,643	1,396	1,033	812
Natural ¹²	1,494	2,678	3,707	4,048	4,353	5,216	6,277
Sodium chlorate (100% NaClO ₃).....	134	198	174	203	173	199	218
Sodium hydroxide (caustic soda):							
Liquid (100% NaOH).....	6,842	10,141	9,307	11,189	9,299	9,987	10,343
Sodium phosphate:							
Tribasic (100% Na ₃ PO ₄).....	55	53	54	52	57	60	65
Meta (100% Na ₂ PO ₄).....	81	87	74	80	54	63	66
Tetra (100% Na ₄ P ₂ O ₇).....	107	66	46	46	34	37	40
Tripoly (100% Na ₅ P ₃ O ₁₀).....	923	1,208	961	903	770	724	717
Sodium silicate (soluble silicate glass, liquid and solid) (anhydrous) ¹³	588	628	723	770	724	747	760
Sodium sulfate:							
High purity (more than 99% Na ₂ SO ₄).....	428	812	754	783	796	766	741
Glauber's salt (100% Na ₂ SO ₄ -10H ₂ O).....	14,976	561	551	565	431	466	458
Lower purity (99% or less Na ₂ SO ₄).....	25	30	32	34	32	34	36
Sulfuric acid gross (100% H ₂ SO ₄) ¹⁵ mil. sh. tons	577	655	785	787	603	713	687
Titanium dioxide (composite and pure) (100% TiO ₂).....							

D Withheld to avoid disclosing figures for individual companies.

¹ Excludes quantities of acetylene produced and consumed by railroad shops, shipyards, and small establishments using portable generators. ² Excludes quantities produced and consumed by municipalities.

³ Excludes byproduct coke-oven production.

⁴ Includes data for decolorizing and water purification grades only.

⁵ Excludes quantities produced and consumed in plants manufacturing soda ash or urea.

⁶ Total production, including quantities liquefied for use, storage, or shipment.

⁷ Excludes quantities produced and consumed in manufacture of methanol and ammonia, produced by ammonia dissociation process, or disposed of as waste, e.g. vented, used as fuel, etc. Beginning 1970, excludes amounts of hydrogen produced in petroleum refineries for captive use. ⁸ Combined with low purity.

⁹ Includes quantities used to manufacture caustic soda, sodium bicarbonate, finished light and dense soda ash.

¹⁰ Ammonia soda and caustic carbonation processes.

¹¹ Excludes quantities converted to finished dense soda ash.

¹² Collected by or in cooperation with U.S. Bureau of Mines.

¹³ Excludes amounts produced and consumed in making meta-, ortho-, and sesquisilicates.

¹⁴ Includes Glauber's salt converted to 100% Na₂SO₄. ¹⁵ Includes sulfuric acid of oleum grades.

Source: U.S. Bureau of the Census, compiled from manufacturers reports and published in *Current Industrial Reports*, series M28A, M28B, and M28C.

NO. 1442. CHEMICALS AND ALLIED PRODUCTS—VALUE OF SHIPMENTS: 1965 TO 1976

[In millions of dollars. "N.e.c." means not elsewhere classified]

PRODUCT	1965	1970	1971	1972	1973	1974	1975	1976
Alkalies and chlorine.....	575	666	701	806	876	1,232	1,673	1,866
Industrial gases.....	495	664	667	659	721	793	906	1,047
Cyclic crudes and intermediates.....	1,452	2,014	2,078	2,332	2,764	4,141	4,202	5,230
Inorganic pigments.....	549	683	689	756	893	1,196	964	1,266
Industrial organic chemicals, n.e.c.	5,023	6,470	6,815	7,466	8,548	12,743	14,098	16,784
Miscellaneous cyclic chemicals, except urea.....	3,773	4,526	4,697	5,435	6,023	9,027	9,964	11,735
Industrial inorganic chemicals, n.e.c.	3,339	4,109	3,882	3,003	3,514	14,609	14,675	1,751
Potassium and sodium compounds.....	547	543	525	503	583	900	910	1,074
Plastics materials and resins.....	3,471	4,562	4,820	4,486	5,678	8,444	7,747	10,455
Synthetic rubber (vulcanizable elastomers).....	950	1,114	1,153	1,289	1,397	1,862	1,820	2,204
Cellulosic manmade fibers.....		741	665	680	685	744	898	814
Organic fibers, noncellulosic.....		1,833	2,468	2,821	2,949	3,954	3,867	4,035
Biological products.....		172	351	415	495	559	684	874
Medicinals and botanicals.....		464	747	761	794	986	1,467	1,480
Pharmaceutical preparations.....		3,621	5,264	5,611	6,295	6,841	7,463	8,247
Soap and detergents.....		1,956	2,509	2,522	2,852	3,033	3,500	3,963
Polishes and sanitation goods.....		890	1,306	1,355	1,738	1,844	1,980	2,196
Specialty cleaning and sanitation products.....		448	755	802	899	937	1,071	1,197
Toilet preparations ²		2,286	3,770	3,920	4,247	4,573	4,797	5,178
Hair preparations (incl. shampoos).....		706	1,034	1,094	1,065	1,100	1,129	1,306
Perfumes, toilet water, colognes.....		264	536	571	677	716	755	918
Dentifrices, mouthwashes, gargles, etc.....		259	468	462	485	(S)	535	536
Paints and allied products.....		2,566	3,019	3,141	3,520	3,914	4,578	4,672
Fertilizers.....		1,434	1,394	1,423	12,642	13,033	15,203	16,588
Adhesives and sealants.....		446	580	631	954	1,152	1,404	1,464
Explosives.....		200	218	189	238	247	359	425
Printing ink.....		324	389	408	498	528	623	698
								764

S. Does not meet publication standards. ¹ Synthetic ammonia, nitric acid, and ammonium compounds included in fertilizers. ² Includes products not shown separately. ³ Excludes gelatin.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972*, and *Annual Survey of Manufactures*.

NO. 1443. RUBBER—NEW SUPPLY, DISTRIBUTION, AND STOCKS: 1950 TO 1977

[In thousands of long tons. Prior to 1965, excludes Alaska and Hawaii, except for imports and exports, which also include Puerto Rico. Natural rubber refers to dry weights of all types, including liquid latex, guayule, etc. Synthetic comprises SB-1 (including weight of oil content, beginning 1960), neoprene, butyl, and butadiene-acrylonitrile, all years; beginning 1965, also includes polyisobutylene, chlorosulfonated polyethylene, and polysulfide, silicone, acrylic, stereo, and fluorocarbon rubbers. Reclaimed comprises both natural and synthetic]

ITEM	1950	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977
New supply.....	1,618	2,150	2,581	3,042	3,177	3,340	3,547	3,285	2,826	3,332	3,564
Domestic production ¹	789	1,729	2,094	2,398	2,440	2,611	2,768	2,492	2,077	2,496	2,607
Synthetic.....	476	1,436	1,813	2,197	2,241	2,417	2,566	2,358	1,988	2,387	2,488
Imports ²	829	420	487	644	737	729	779	793	749	836	957
Natural.....	802	411	445	550	613	618	643	682	658	714	793
Distribution.....	1,590	2,203	2,657	3,001	3,183	3,140	3,584	3,344	2,956	3,222	3,629
Domestic consumption.....	1,562	1,835	2,326	2,677	2,871	3,121	3,268	3,039	2,706	2,919	3,354
Synthetic.....	538	1,079	1,540	1,918	2,093	2,292	2,402	2,175	1,933	2,138	2,442
Exports ³	28	368	331	324	312	289	316	305	250	303	275
Synthetic.....	8	342	282	299	282	265	295	284	226	281	252
Stocks, end of year ³	178	359	442	645	643	632	629	644	528	642	579

¹ Includes reclaimed. ² Reclaimed and synthetic. ³ Natural and reclaimed.

NO. 1444. PHARMACEUTICAL PREPARATIONS—VALUE OF SHIPMENTS: 1962 TO 1977

[In millions of dollars. Excludes biologicals. Total shipments includes products not shown separately]

PRODUCT	1962	1965	1970	1972	1973	1974	1975	1976	1977
Total shipments.....	2,796	3,583	5,280	6,066	6,463	7,090	7,899	8,792	9,143
Drugs acting on—									
Central nervous system and sense organs.....	698	980	1,442	1,636	1,700	1,795	2,036	2,176	2,234
Cardiovascular systems.....	127	175	305	400	461	542	634	733	791
Respiratory systems.....	278	329	489	561	611	646	749	862	869
Digestive or genitourinary system.....	392	491	688	746	755	867	945	1,049	1,069
Skin.....	136	209	299	344	375	432	457	529	573
Drugs affecting—									
Neoplasms and endocrine system.....	254	351	523	615	650	743	819	840	892
Parasitic and infective diseases.....	483	621	859	948	1,033	1,118	1,104	1,255	1,263
Vitamin, nutrient, and hematologic drugs.....	310	326	492	587	626	697	828	983	1,106
Preparations for veterinary use.....	101	120	182	227	250	250	268	365	346

Source of tables 1443 and 1444: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-28G and MA-30A.

NO. 1445. PETROLEUM AND COAL PRODUCTS—VALUE OF SHIPMENTS AND INVENTORIES: 1963 TO 1976

[In millions of dollars. See also table 1330]

ITEM AND PRODUCT	1963	1967	1970	1971	1972	1973	1974	1975	1976
Shipments, total¹	17,597	21,766	24,765	25,260	28,380	34,690	58,726	69,515	83,496
Petroleum refining	15,984	19,692	22,280	23,541	25,415	31,190	53,230	63,540	75,564
Gasoline	7,978	9,844	11,704	12,308	13,030	15,729	24,946	31,502	36,840
Jet fuel	633	1,100	1,221	1,302	1,372	1,638	2,035	3,702	4,229
Kerosene	375	431	390	401	372	456	736	791	828
Distillate fuel oil	2,896	3,306	3,835	4,014	4,408	5,476	9,761	11,298	13,554
Residual fuel oil	622	566	663	907	1,107	1,660	3,648	4,826	5,243
Liquefied refinery gases	703	1,136	1,300	1,252	1,153	1,430	3,026	2,910	3,604
Lubricating oils and greases	2,120	2,127	2,881	899	2,153	2,179	2,507	2,502	2,855
Unfinished oils and lubricating oils base stock	526	613	637	635	734	891	1,420	1,612	2,195
Asphalt	361	424	541	651	672	808	1,489	1,541	1,564
Paving and roofing materials ¹	931	1,129	1,416	1,573	1,934	2,177	2,729	2,918	3,280
Paving mixtures and blocks	403	530	672	748	893	962	1,167	1,203	1,229
Asphalt felts and coatings	460	519	626	826	902	1,058	1,358	1,463	1,700
Inventories, total²	1,940	2,156	2,451	2,408	2,365	2,695	4,288	4,957	5,624
Petroleum refining	1,696	1,904	2,131	2,229	2,083	2,449	3,014	4,545	4,802

¹ Includes other petroleum products, not shown separately. ² Includes lubricating oils and greases from purchased materials.

³ Inventories as of end of reporting year.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1963*, vol. I; 1967, vols. I and II; 1972, vols. I and II; and *Annual Survey of Manufactures*.

NO. 1446. IRON AND STEEL INDUSTRY—SUMMARY: 1950 TO 1978

[Reporting companies in 1978 represented 89 percent of raw steel production of entire industry]

ITEM	1950	1960	1965	1970	1973	1974	1975	1976	1977	1978
Steel mill products, apparent supply ¹	70.6	71.5	100.6	97.1	122.5	119.6	89.0	101.1	108.4	116.6
mil. sh. tons	72.2	71.1	92.7	90.8	111.4	109.5	80.0	89.4	91.1	97.9
Net shipments ¹	72.2	71.1	92.7	90.8	111.4	109.5	80.0	89.4	91.1	97.9
Exports	2.6	3.0	2.5	7.1	4.1	5.8	3.0	2.6	2.0	2.4
Imports	1.0	3.4	10.4	13.4	15.2	16.0	12.0	14.3	19.3	21.1
Percent of total supply	1.4	4.7	10.3	13.8	12.4	13.4	13.5	14.1	17.8	18.1
Scrap consumed	53.7	52.1	69.8	69.3	82.5	81.1	62.8	68.4	69.3	76.2
Scrap produced	31.0	33.8	46.7	46.4	50.4	47.4	40.1	43.5	31.8	35.7
Scrap inventory	3.8	7.7	6.0	6.5	6.0	6.9	7.6	8.6	7.7	7.0
All iron and steel products:										
Exports	3.1	4.1	3.1	8.1	5.1	7.1	4.1	3.9	3.2	3.5
Imports	2.0	4.1	12.0	14.6	17.0	18.0	13.9	16.3	21.7	24.1
Revenues	9.5	14.2	18.0	19.3	28.9	38.2	33.7	36.5	39.7	46.9
Net income	.8	.8	1.1	.5	1.3	2.5	1.6	1.3	(Z)	1.3
Stockholders' equity ¹	5.5	10.5	12.0	13.0	14.5	14.5	16.2	17.2	18.0	17.6
Total assets	8.3	15.9	18.8	23.6	26.1	29.5	30.4	33.6	35.4	37.9
Net fixed assets	3.7	8.8	10.0	14.1	14.5	15.0	16.9	18.7	19.7	20.4
Capital expenditures	.5	1.5	1.8	1.7	1.4	2.1	3.2	3.3	2.9	2.5
Working capital ratio	2.2	2.6	2.4	1.9	1.9	1.8	2.0	1.9	1.8	1.7
Inventories	1.4	3.0	3.2	1.1	3.7	4.4	5.4	6.4	5.9	6.1
Average employment	592	572	584	531	509	512	457	454	452	449
Man-hours worked	1,214	1,087	1,421	1,220	1,320	1,313	855	877	876	892
Index of output per man-hour ²	(NA)	82.3	101.1	101.1	123.8	123.4	108.6	116.5	116.0	121.8

NA. Not available. Z. Less than \$50 million.

¹ Prior to 1974, as of December 31; thereafter, as of January 1. ² 1967 = 100.

Source: American Iron and Steel Institute, Washington, D.C., *Annual Statistical Report*. (Copyright.)

NO. 1447. IRON AND STEEL—PRODUCER PRICE INDEXES: 1965 TO 1979

[1967 = 100]

ITEM	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979, May
Iron and steel, total	97.9	115.1	128.4	136.2	178.6	200.9	215.9	230.4	253.6	279.0
Steel mill products	97.5	114.2	130.4	134.1	170.0	197.2	209.8	229.9	254.5	276.6
Finished	97.5	114.2	130.4	134.1	170.0	198.6	209.0	229.0	253.5	275.6
Semifinished	98.3	112.2	130.9	133.9	169.0	206.7	223.1	243.6	270.5	291.6
Pig iron and ferroalloys	100.3	114.8	125.4	129.4	188.1	264.7	261.6	257.1	260.0	296.2
Iron ore	100.7	100.1	103.0	106.7	123.8	154.3	171.0	186.1	194.9	211.8
Scrap, iron and steel	112.6	138.8	121.8	188.0	353.2	245.6	259.0	231.2	264.6	328.6
Foundry and forge shop products	94.6	112.1	124.3	131.5	161.4	194.3	218.6	230.5	240.5	272.8

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

NO. 1448. WORLD STEEL TRADE—SELECTED DATA: 1960 TO 1976

[In millions of net tons, raw steel equivalent. A net ton equals 1.10 metric tons]

ITEM	1960	1965	1969	1970	1971	1972	1973	1974	1975	1976
Raw steel production, total	381.6	503.1	632.0	654.2	639.9	694.5	768.8	782.8	712.0	753.1
United States	99.3	131.5	141.3	131.5	120.4	133.2	150.8	145.7	116.6	128.0
Apparent consumption	72.2	101.7	104.4	99.1	105.4	109.3	125.5	123.0	91.0	104.3
Net shipments	71.1	92.7	93.9	90.8	87.0	91.8	111.4	109.5	80.0	89.6
Imports	3.4	10.4	14.0	13.4	18.3	17.7	15.2	16.0	12.0	14.3
From Japan	.6	4.4	6.3	5.9	6.9	6.4	5.6	6.2	5.8	8.0
From EEC (9) ²	2.1	4.9	6.1	5.4	8.5	7.8	6.5	6.4	4.1	3.2
Exports	3.0	2.5	5.2	7.1	2.8	2.9	4.1	5.8	3.0	2.7
Japan	24.4	45.4	90.5	102.9	97.6	106.8	131.5	129.1	112.8	118.4
Apparent consumption	21.2	31.3	67.4	76.8	63.4	75.6	94.8	81.8	71.0	66.0
Exports	3.5	14.0	23.1	26.0	34.1	31.1	36.8	47.3	41.7	52.4
EEC (9) ¹	107.9	125.5	148.5	151.7	141.3	153.4	165.5	171.5	138.1	148.1
Red Bloc	115.9	146.0	182.1	192.9	204.9	215.8	227.3	237.3	244.7	253.5
Rest of free world	34.1	54.7	69.6	76.2	75.7	85.3	93.7	99.2	99.8	105.1

¹ Includes countries not shown.² European Economic Community, comprising nine countries; see text, p. 895.Source: Putnam, Hayes & Bartlett, Inc., Newton, Mass., *Economics of International Steel Trade*, May 1977.

NO. 1449. RAW STEEL PRODUCTION AND AGGREGATE EXPORTS: 1950 TO 1978

[In millions of net tons, except percent. See also *Historical Statistics, Colonial Times to 1970*, series P 265-269]

ITEM	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978
World production	207.9	297.5	379.7	503.1	654.2	768.6	782.8	712.0	745.6	741.8	¹ 784.7
U.S. production	96.8	117.0	99.3	131.5	131.5	160.8	145.7	116.6	128.0	126.3	137.0
Percent of world	46.6	39.4	26.0	26.2	20.1	19.6	18.6	16.4	17.2	16.9	17.5
Open hearth ²	90.8	108.7	87.6	94.8	48.0	39.8	35.5	22.2	23.5	20.0	21.3
Electric	6.0	8.1	8.4	13.8	20.2	27.8	28.7	22.7	24.6	27.9	32.2
Basic oxygen process	—	.3	3.3	22.9	63.3	83.3	81.6	71.8	79.9	77.4	83.5
Carbon	88.3	106.4	90.9	116.7	117.4	132.7	126.6	100.4	112.0	108.1	116.9
Alloy and stainless	8.6	10.7	8.4	14.8	14.1	18.1	19.1	16.3	16.0	17.2	20.1

— Represents zero. ¹ Preliminary. ² Includes bessemer.

NO. 1450. STEEL PRODUCTS—NET SHIPMENTS, BY MARKET CLASSES: 1960 TO 1978

[In thousands of short tons. Comprises carbon, alloy, and stainless steel. "N.e.c." means not elsewhere classified]

MARKET CLASS	1960	1965	1970	1973	1974	1975	1976	1977	1978
Total ¹	71,149	92,666	90,798	111,430	109,472	79,957	89,447	91,147	97,935
Steel for converting and processing	2,928	3,932	3,443	4,714	4,486	3,255	4,036	3,679	4,612
Independent forgers, n.e.c.	841	1,250	1,048	1,213	1,339	1,098	952	998	1,192
Industrial fasteners	1,071	1,234	1,005	1,278	1,331	675	912	848	870
Steel service centers, distributors	11,125	14,813	16,025	20,383	20,400	12,700	14,615	15,346	17,333
Construction, incl. maintenance	9,664	11,836	8,913	10,731	11,360	8,119	7,508	7,553	9,612
Contractors' products	3,602	5,018	4,440	6,459	6,249	3,927	4,502	4,500	3,480
Automotive	14,610	20,123	14,475	23,217	18,928	15,214	21,351	21,490	21,253
Rail transportation	2,525	3,805	3,098	3,228	3,417	3,152	3,056	3,238	3,549
Freight cars, passenger cars,									
locomotives	1,763	2,875	2,005	1,997	2,097	1,794	1,428	1,709	2,188
Rails and all other	762	930	1,093	1,231	1,320	1,358	1,628	1,529	1,361
Shipbuilding and marine equipment	622	1,051	859	1,019	1,339	1,418	969	869	845
Aircraft and aerospace	78	94	56	69	79	69	59	63	60
Oil and gas industries	1,759	1,936	8,550	3,405	4,210	4,171	2,653	3,680	4,140
Mining, quarrying, and lumbering	288	392	497	534	644	596	536	486	508
Agricultural, incl. machinery	1,003	1,483	1,126	1,772	1,559	1,429	1,784	1,743	1,805
Machinery, industrial equip., tools	3,958	5,873	5,169	6,351	6,440	5,173	5,180	5,566	5,992
Electrical equipment	2,078	2,985	2,694	3,348	3,242	2,173	2,671	2,639	2,811
Appliances, utensils, and cutlery	1,760	2,179	2,160	2,747	2,412	1,653	1,950	2,129	2,094
Other domestic commercial equip.	1,959	2,179	1,778	1,990	1,941	1,390	1,813	1,846	1,889
Containers, packaging, shipping	6,429	7,331	7,775	7,311	8,218	6,053	6,914	6,714	6,595
Cans and closures	4,976	5,867	6,239	6,070	6,349	4,859	5,290	5,173	4,950
Ordnance and other military	165	289	1,222	918	654	405	219	193	207
Exports (reporting companies only)	2,563	2,078	5,985	3,138	3,961	1,755	1,839	1,076	1,224

¹ Total includes nonclassified shipments, and, beginning 1970, data include estimates for a relatively small number of companies which report raw steel production but not shipments.² Bolts, nuts, rivets, and screws.³ Includes railways, rapid transit systems, railroad rails, trackwork, and equipment.Source of tables 1449 and 1450: American Iron and Steel Institute, Washington, D.C., *Annual Statistical Report*, (Copyright.)

NO. 1451. FERROUS CASTINGS—SHIPMENTS: 1960 TO 1977

[In thousands of short tons. 1960 excludes Alaska and Hawaii. Gray iron castings are based on a sample of foundries; all other data on a complete count]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977
Gray iron castings ¹	11,594	15,713	13,945	15,302	17,047	15,661	12,407	14,168	15,318
Pressure pipe and fittings	1,386	1,876	1,691	1,996	2,105	1,957	1,253	1,332	1,628
Soil pipe and fittings	782	958	953	1,044	956	771	595	657	682
All other gray iron castings	9,476	12,879	11,301	12,262	13,986	12,933	10,559	12,179	13,007
Malleable iron castings	821	1,136	852	961	1,031	912	729	848	829
For sale	467	648	521	579	616	553	431	491	458
For own use	354	488	331	382	415	359	298	357	371
Standard malleable	632	827	628	682	734	669	509	569	574
Pearlitic malleable	189	309	224	279	297	243	220	279	255
Steel castings ¹	1,392	1,961	1,724	1,584	1,894	2,091	1,974	1,804	1,718
Carbon	1,016	1,378	1,147	1,066	1,277	1,394	1,336	1,188	1,142
Alloy	376	583	577	518	617	697	638	616	574

¹ Includes shipments "for own use." ² Includes ductile (nodular) iron castings.

Source: U.S. Bureau of the Census. Monthly data in *Current Industrial Reports*, series M33A.

NO. 1452. NONFERROUS CASTINGS—SHIPMENTS: 1960 TO 1978

[In millions of pounds. Shipments include "for own use." Data based on sample and subject to sampling variation; see text, p. 795]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978 ¹
Shipments, all types	2,201	3,437	3,033	3,800	3,211	2,534	3,157	3,331	3,179
Copper and copper-base alloy	760	889	751	780	671	519	549	579	566
Aluminum and aluminum-base alloy	775	1,409	1,506	2,026	1,759	1,375	1,845	2,011	1,987
Zinc and zinc-base alloy	623	1,065	696	908	693	572	691	661	549
Magnesium and magnesium-base alloy	24	32	34	45	49	32	39	49	45
Lead and lead-base alloy die ²	21	42	45	41	39	36	32	31	32

¹ Preliminary. ² Excludes lead die casting for battery plates and parts.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series M33E.

NO. 1453. COPPER-BASE MILL AND FOUNDRY PRODUCTS—SHIPMENTS: 1960 TO 1977

[In millions of pounds, metal weight. Excludes Alaska and Hawaii]

PRODUCT	1960	1965	1970	1972	1973	1974	1975	1976	1977 ¹
Total	4,298	6,288	5,640	6,477	7,195	6,196	4,639	5,512	5,980
Brass mill products	1,878	2,974	2,513	3,015	3,319	2,813	2,025	2,517	2,668
Alloyed ²	1,128	1,711	1,542	1,895	2,080	1,816	1,324	1,643	1,726
Unalloyed	750	1,263	971	1,120	1,259	997	701	873	932
Copper wire mill products ³	1,521	2,177	2,329	2,041	3,032	2,647	2,056	2,353	2,667
Brass and bronze foundry products	862	1,075	751	767	780	667	512	547	583
Copper-base powder mill products	39	62	47	54	64	69	46	65	64

¹ Preliminary. ² Excludes webbing scrap (military ammunition cups and discs). ³ Copper content.

Source: U.S. Bureau of the Census and U.S. Industry and Trade Administration, *Current Industrial Reports*, series DIB-9008, annual.

NO. 1454. ALUMINUM AND MAGNESIUM MILL PRODUCTS—NET SHIPMENTS: 1960 TO 1978

[In millions of pounds. 1960 excludes Alaska and Hawaii. Producers' net shipments consist of total shipments less shipments to other metal mills for further fabrication into other forms of mill products]

PRODUCT	1960	1965	1970	1973	1974	1975	1976	1977	1978 ¹
Aluminum mill products	3,049	5,692	7,358	10,900	10,461	7,427	9,716	10,419	11,331
Plate, sheet, and foil	1,637	3,019	4,247	6,516	6,374	4,664	6,356	6,846	7,285
Rolled structural shapes, rod, bar, and wire	392	800	963	1,349	1,387	924	985	935	1,156
Extruded shaped and tubing	937	1,719	1,823	2,636	2,384	1,643	2,141	2,396	2,618
Powder, flake and paste	33	59	205	257	177	99	132	121	136
Forgings and impacts	50	95	120	142	138	97	100	121	136
Magnesium mill products	21	32	31	32	29	22	22	22	(NA)

NA Not available. ¹ Preliminary.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series M33-2 and MA33G.

No. 1455. MACHINERY (EXCEPT ELECTRICAL)—VALUE OF SHIPMENTS: 1960 TO 1977
 [In millions of dollars. Based on sample; see Appendix III. "N.e.c." means not elsewhere classified]

PRODUCT	1960	1970	1972	1973	1974	1975	1976	1977, prel.
Automatic vending machines ¹	185	266	306	309	329	225	306	388
Ball and roller bearings and components	836	1,295	1,419	1,696	1,961	2,046	2,195	2,444
Blowers and fans ¹	269	647	682	905	1,034	1,247	1,400	1,389
Commercial laundry, dry cleaning, and pressing machines ^{1,2}	120	204	185	227	203	184	202	223
Calculating and accounting machines ¹	(NA)	525	694	990	1,207	837	790	791
Electronic computing equipment ¹								
Carburetors, pistons, piston rings, valves	(NA)	530	792	922	890	898	1,120	1,282
Chemical manufacturing machinery and equipment ¹	137	232	213	258	396	476	536	439
Commercial cooking and food warming equipment ¹	172	200	217	248	291	304	377	382
Construction machinery, except tractors and tractor shovel loaders ¹	940	2,049	3,161	3,795	4,520	5,070	5,540	6,462
Conveyors and conveying equipment ¹	367	814	826	1,004	1,285	1,333	1,385	1,674
Elevators and escalators ¹	205	326	412	447	462	388	396	412
Farm machinery, except tractors ¹	1,449	3,065	{2,928	3,724	4,793	5,316	5,907	6,882
Lawn and garden equipment ¹								
Farm tractors, wheel-type, including attachments ¹	1,511	915	1,215	1,414	1,753	2,374	2,514	2,637
Filters and strainers ¹	(NA)	(NA)	275	350	440	559	575	557
Food products machinery ¹	462	823	867	1,112	1,313	1,411	1,394	1,566
Hoists, cranes, and monorails ¹	201	487	446	531	603	756	809	902
Industrial furnaces and ovens ¹	215	377	341	450	515	532	585	608
Industrial patterns ¹	140	214	234	262	318	307	283	417
Industrial trucks and tractors ¹	389	890	1,005	1,231	1,526	1,302	1,341	1,824
Internal combustion engines ^{1,3}	1,215	2,762	3,353	4,106	5,095	5,191	6,138	7,532
Measuring and dispensing pumps ¹	102	172	183	168	221	247	262	240
Metal cutting machine tools ¹	747	1,544	1,259	1,719	2,136	2,406	2,146	2,579
Metal forming machine tools ¹	379	735	670	877	1,053	1,026	1,051	1,114
Office machines and typewriters ¹	456	978	1,065	1,172	1,441	1,334	1,563	2,014
Oil and gas field machinery ¹	507	934	980	1,211	1,714	2,412	2,637	3,145
Packing and packaging machinery for food products ¹	(NA)	(NA)	232	286	340	383	391	454
Packing and packaging machinery except for food products ¹	(NA)	(NA)	177	211	320	334	375	459
Paper industries machinery ¹	348	455	381	458	685	761	773	705
Plastics-working machinery and equipment ¹	91	349	434	585	528	444	554	667
Power-driven handtools ¹	254	523	623	801	849	772	878	1,461
Printing trades machinery and equipment ¹	350	657	737	842	913	940	1,006	1,278
Pumps and pumping equipment, except measuring and dispensing pumps ¹	1,107	2,203	1,633	2,013	2,297	2,623	2,985	3,522
Refrigeration machinery, and gas and oil warm-air furnaces ¹	1,809	5,058	6,282	6,917	6,871	6,151	7,563	8,510
Rolling mill machinery ¹	240	299	248	266	321	433	470	361
Rubber working machinery, except tire molds ¹	90	171	137	209	216	163	173	157
Scalers and balances, except laboratory ¹	66	153	182	200	235	268	299	327
Service industry machinery, n.e.c. ¹	(NA)	(NA)	497	555	599	530	647	1,026
Small cutting tools for metalworking machinery	401	700	738	928	1,129	1,185	1,277	2,202
Special dies, tools, jigs, and fixtures ¹	1,751	2,775	2,714	3,169	3,549	3,068	3,620	4,448
Steam, gas, and hydraulic turbines, generators, and turbine generator sets ¹	623	1,640	2,080	2,285	2,482	2,585	2,803	2,616
Textile machinery ¹	494	712	738	821	987	861	918	851
Tractor shovel loaders ¹	286	581	811	944	1,228	1,280	1,141	1,537
Tractors, contractors, wheel-type, off-highway ¹	65	205	252	328	373	381	300	455
Tractors, tracklaying type ¹	270	479	564	713	897	1,128	1,061	1,165
Woodworking machinery ¹	176	341	442	523	684	637	756	557

NA. Not available. ¹ Includes parts. ² Beginning 1972, includes coin-operated washers and dryers with less than 10 lb. capacity. ³ Excludes aircraft and gasoline automotive. ⁴ Includes chain saws.

⁵ Excludes chain saws.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972* and 1977, and *Annual Survey of Manufactures*.

NO. 1456. AIR-CONDITIONING AND REFRIGERATION—SHIPMENTS: 1965 TO 1977

[See *Historical Statistics, Colonial Times to 1970*, series P 280, for room air-conditioners]

PRODUCT	NUMBER (1,000)					VALUE (mil. dol.)				
	1965	1970	1975	1976	1977	1965	1970	1975	1976	1977
Condensing units ¹	599	485	335	439	507	69	72	92	120	150
Air-cooled	563	461	321	423	490	55	56	75	100	118
Compressors and comp. units ¹	8,526	14,653	15,034	20,996	23,826	333	628	840	1,295	1,491
Centrifugal-refrig. systems ¹	3	4	5	3	3	63	106	161	116	112
Heat-transfer equipment ¹	(NA)	(NA)	657	657	707	217	360	254	284	310
Room air-conditioners ¹	2,868	5,385	2,648	2,805	3,290	333	776	464	543	677
Unitary air-conditioners ¹	837	1,459	1,561	2,400	2,811	425	755	923	1,387	1,692
Ice-making machines ¹	87	103	128	188	205	43	58	88	131	158

NA. Not available. ¹ Excludes units for ammonia refrigerants.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-35M.

No. 1457. TRANSPORTATION EQUIPMENT—VALUE OF SHIPMENTS: 1960 TO 1977

[In millions of dollars. "N.e.c." means not elsewhere classified. 1977 data preliminary]

TYPE OF EQUIPMENT	1960	1965	1970	1972	1973	1974	1975	1976	1977
Motor vehicles and car bodies ¹	16,739	26,810	26,811	41,046	48,009	41,950	43,394	59,753	72,918
Passenger cars and chassis.....	14,009	21,852	19,391	29,246	33,358	27,154	28,883	39,746	46,813
Truck tractors, chassis, trucks.....	2,573	4,289	5,734	9,568	12,167	12,846	11,872	16,597	21,503
Motor vehicle parts and accessories.....	12,273	218,875	13,189	19,417	22,856	22,670	23,023	30,385	37,700
Truck trailers.....	(NA)	671	765	1,079	1,298	1,595	878	1,250	1,772
Aircraft ¹	34,653	5,277	8,722	7,588	9,486	10,364	10,881	11,723	20,468
Complete aircraft, military ²	3,395	2,657	3,833	2,803	2,884	3,186	4,017	4,671	4,578
Complete aircraft, personal ²	1,270	{ 337	{ 1,275	{ 3,176	{ 474	{ 870	{ 811	{ 1,003	{ 1,204
Commercial transport (complete).....					2,787	3,878	4,207	3,653	3,355
Aircraft engines and parts.....	2,779	3,871	4,594	3,070	3,687	4,026	4,488	4,928	5,082
Aircraft equipment, n.e.c.	3,966	3,888	5,273	3,437	4,074	4,458	4,842	5,102	6,102
Shipbuilding and repairing ^{1,3}	1,216	1,918	2,594	3,201	3,888	4,712	5,513	5,833	6,238
Self-propelled ships, military ^{1,3}	406	742	1,086	1,100	1,333	1,714	1,768	1,057	2,221
Self-propelled ships, nonmilitary ³	351	282	514	816	1,202	1,290	1,806	1,825	1,893
Boat building and repairing.....	331	423	644	1,031	1,159	1,121	1,290	1,571	1,838
Railroad equipment.....	1,087	2,027	(D)	2,284	2,512	3,308	3,885	3,336	4,013
Motorcycles, bicycles, and parts.....	128	226	395	541	721	880	705	688	792
Travel trailers and campers.....	(NA)	(NA)	(NA)	1,277	1,134	781	1,082	1,356	1,455

D Withheld to avoid disclosure. NA Not available. ¹ Includes data for products not shown separately.² Includes combat vehicles. ³ Value of work done.⁴ Includes utility. ⁵ New construction.Source: U.S. Bureau of the Census, *Census of Manufactures, 1972 and 1977*, and *Annual Survey of Manufactures*.

No. 1458. ELECTRICAL MACHINERY AND PRODUCTS SHIPMENTS: 1960 TO 1977

[In millions of dollars. All figures based on sample and subject to sampling variability. "N.e.c." means not elsewhere classified]

PRODUCT	1960	1965	1970	1972	1973	1974	1975	1976	1977, prel.
Batteries.....	558	831	1,056	1,270	1,405	1,616	1,747	2,110	2,511
Primary, dry and wet.....	153	221	290	317	346	394	456	606	609
Storage.....	405	610	766	953	1,059	1,222	1,291	1,504	1,902
Cathode ray picture tubes.....	213	432	458	634	697	600	514	605	597
Communications equipment.....	2,028	3,098	5,444	5,529	6,416	7,510	7,941	8,572	10,957
Telephone and telegraph.....	1,431	1,953	3,575	3,074	4,427	4,833	4,734	5,132	7,095
Broadcast, studio, and related.....	597	1,145	1,869	1,555	1,989	{ 472	{ 499	{ 560	{ 546
Other, including mobile radio.....						{ 2,155	{ 2,739	{ 2,880	{ 3,316
Electric housewares and fans.....	598	1,002	1,261	1,448	1,704	1,643	1,687	1,979	2,298
Electric lamp bulbs.....	490	643	885	1,069	1,166	1,199	1,225	1,477	1,638
Carbon and graphite products.....	187	277	357	336	353	545	568	604	648
Resistors for electronic application.....	212	370	348	438	557	518	466	618	586
Electronic coils, transformers, reactors, chokes.....	215	367	389	385	461	528	480	539	600
Electronic connectors.....	(NA)	2,276	3,134	{ 524	658	793	839	888	1,049
Electronic components, n.e.c.				{ 3,210	3,725	3,569	3,445	4,262	5,314
Engine electrical equipment.....	772	1,059	1,437	1,781	2,052	2,049	2,050	2,649	2,951
General industry power circuit devices and controls.....	567	825	1,154	1,246	1,542	1,870	1,874	2,013	2,420
Household cooking equipment.....	469	624	811	1,027	1,201	1,211	1,101	1,514	1,824
Household laundry equipment ¹	695	871	1,024	1,290	1,370	1,317	1,255	1,445	1,710
Household refrigerators and freezers.....	805	960	1,220	1,419	1,634	1,750	1,611	1,579	2,012
Household vacuum cleaners.....	2,161	221	328	439	501	516	544	654	716
Household appliances, n.e.c.	350	479	623	825	967	987	920	1,103	1,364
Intercommunication, alarm, and traffic control systems.....	184	197	253	336	445	528	563	606	833
Lighting fixtures ³	849	1,313	1,796	2,276	2,513	2,506	2,366	2,738	3,087
Residential.....	255	400	537	746	799	686	640	782	942
Commercial and institutional.....	227	337	466	527	572	662	577	638	623
Motors and generators.....	1,508	1,936	2,478	2,636	3,137	3,628	3,677	4,129	4,940
Phonograph records and prerecorded tapes ⁴	149	198	402	537	561	569	649	742	1,153
Radio and TV receiving sets ³	1,641	2,984	2,966	3,589	4,158	3,892	3,545	4,143	4,768
Radios and radio-phonograph-combinations ⁵	415	698	618	754	908	736	676	824	882
Household TV receivers.....	775	1,687	1,755	2,149	2,432	2,229	1,924	2,225	2,463
Sewing machines, household and industrial.....	130	114	126	152	182	203	204	258	259
Solid state semiconductor devices.....	(S)	839	1,582	2,361	3,178	3,575	3,038	4,079	4,483
Switchgear and switchboard apparatus.....	899	1,269	1,849	2,059	2,350	2,520	2,509	2,662	3,296
Transformers.....	725	891	1,378	1,436	1,675	2,001	1,769	1,821	2,084
Welding apparatus.....	283	433	470	570	663	897	908	870	1,044
Wiring devices, current carrying.....	622	644	983	1,207	1,417	1,524	1,240	1,641	1,758
Wiring devices, noncurrent-carrying.....	360	536	700	833	1,019	1,252	1,074	1,171	1,295
X-ray and electromedical equipment.....	88	121	235	388	423	593	740	820	1,751

NA Not available. S Withheld because data did not meet publication standards. ¹ Beginning 1972, includes coin-operated washers and dryers with less than 10-lb. capacity. ² Includes commercial and industrial vacuum cleaners. ³ Includes items not shown separately. ⁴ Includes record blanks. ⁵ Household and auto radios.Source: U.S. Bureau of the Census, *Census of Manufactures, 1972 and 1977*, and *Annual Survey of Manufactures*.

NO. 1459. HOME APPLIANCES—SHIPMENTS AND RETAIL VALUE: 1965 TO 1978

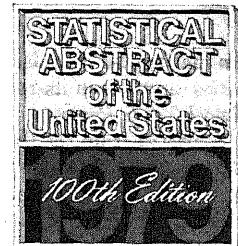
[Compiled from reports of associations and manufacturers. Except as indicated, covers electric appliances only]

PRODUCT	MANUFACTURERS SHIPMENTS (1,000 units)						RETAIL VALUE (mil. dol.)					
	1965	1970	1975	1976	1977	1978	1965	1970	1975	1976	1977	1978
Home laundry:												
Dryers, clothes.....	2,098	2,981	2,870	3,174	3,553	3,621	367	525	717	836	988	928
Electric.....	1,388	2,129	2,198	2,466	2,817	2,864	236	360	539	639	775	716
Gas.....	710	852	672	708	736	757	131	165	178	198	213	212
Washing machines.....	4,430	4,094	4,228	4,492	4,933	5,038	1,014	957	1,846	1,566	1,794	1,782
Automatic and semi-automatic.....	3,810	3,869	4,032	4,288	4,739	4,838	934	925	1,810	1,527	1,754	1,742
Other appliances:												
Dishwashers.....	1,260	2,116	2,702	3,140	3,356	3,557	276	466	697	855	994	1,082
Food waste disposers.....	1,360	1,977	2,080	2,515	2,941	3,313	82	129	187	252	324	285
Freezers.....	1,160	1,359	2,457	1,548	1,598	1,522	271	302	600	422	490	499
Microwave ovens.....	(X)	30	840	1,661	2,175	2,422	(X)	15	337	696	982	1,142
Ranges, electric.....	2,065	2,362	2,082	2,463	3,009	3,218	446	540	496	665	919	1,132
Ranges, gas.....	2,266	2,362	1,613	1,825	1,753	1,797	435	510	382	490	537	619
Refrigerators, electric.....	4,930	5,286	4,582	4,817	5,707	5,890	1,282	1,448	1,425	1,686	2,426	3,228
Trash compactors.....	(X)	(X)	233	249	277	300	(X)	(X)	52	57	67	72
Electric housewares/ personal care:												
Bed coverings.....	4,610	4,050	4,032	4,370	4,490	4,900	78	81	89	101	112	127
Blenders.....	1,800	5,100	4,000	4,490	5,250	5,660	45	128	92	99	121	113
Broilers.....	1,890	2,605	2,006	2,156	2,150	2,280	43	71	66	74	76	99
Can openers ¹	4,300	5,000	5,120	5,475	5,550	5,660	60	65	87	82	87	78
Coffee makers, auto.....	6,600	8,100	9,566	13,693	9,970	10,500	104	130	245	316	240	265
Corn poppers.....	1,105	2,300	2,430	2,468	3,071	3,600	7	23	29	35	43	65
Floor polishers.....	1,181	1,156	530	566	530	520	47	46	27	21	21	23
Frypan skillets.....	2,650	3,200	2,611	2,613	2,500	2,600	56	93	89	94	88	94
Griddles, quick grills.....	390	500	640	715	646	8	13	18	21	17	18	
Hair dryers (all types).....	4,325	6,100	10,498	12,555	11,400	13,038	78	146	242	278	267	243
Hair setters.....	(X)	5,500	2,033	2,000	1,800	1,989	(NA)	121	37	37	36	41
Heating pads.....	3,000	3,900	3,500	3,780	3,840	3,940	15	23	32	34	30	35
Irons.....	9,860	9,275	7,883	8,003	8,736	9,186	140	159	187	214	236	266
Steam and steam spray.....	7,950	7,985	7,086	7,311	8,150	8,600	123	144	177	205	228	258
Mirrors, make-up.....	(NA)	2,700	1,210	1,263	1,400	1,490	(NA)	59	25	30	34	33
Mixers, food.....	3,925	4,675	4,477	5,105	5,095	5,175	59	90	106	129	123	132
Stand.....	950	875	900	1,305	1,250	1,255	29	33	41	64	65	69
Portable.....	2,975	3,800	3,577	3,800	3,845	3,920	30	57	64	65	55	63
Oral hygiene devices ²	3,300	2,850	1,602	1,499	1,365	1,540	45	46	23	21	19	25
Slicing knives.....	5,900	2,075	1,577	1,700	1,700	1,700	97	42	30	29	24	27
Toasters, total.....	4,750	5,975	6,204	7,397	7,400	8,100	74	108	138	177	190	220
Vacuum cleaners.....	5,107	7,382	7,650	8,767	8,705	8,965	398	502	879	852	997	1,090
Waffle, sandwich grills.....	1,000	1,025	1,028	1,100	1,058	1,034	22	19	20	19	19	18
Air treatment:												
Air-conditioners, room.....	2,945	5,887	2,683	2,962	3,270	4,037	624	1,207	644	741	912	1,312
Dehumidifiers.....	210	598	392	440	314	441	16	47	37	52	47	62
Fans.....	7,703	9,875	9,236	10,056	10,515	11,648	236	283	246	259	285	346
Heaters.....	1,808	2,835	2,990	2,748	4,120	4,467	29	70	90	69	114	123
Humidifiers.....	550	1,000	1,031	1,246	1,200	940	30	72	82	106	108	85
Home electronics:												
Phonographs.....	6,245	4,106	3,420	3,855	4,625	4,545	796	543	442	564	839	857
Portable and table.....	4,436	3,019	2,890	3,201	3,900	3,945	271	184	275	349	585	671
Console and combination.....	1,809	1,087	530	654	725	600	525	359	167	215	254	186
Radios.....	14,082	34,049	25,276	31,656	41,800	32,478	302	682	615	822	1,168	1,056
Table and clock.....	8,051	10,588	8,894	10,229	13,800	12,212	187	283	320	393	552	550
Portable.....	6,031	23,461	16,382	21,427	28,000	20,266	115	399	295	429	616	507
Televisions.....	11,028	9,368	11,453	12,896	14,771	16,300	2,818	3,090	3,800	4,500	5,088	5,694
Black and white.....	8,392	4,546	4,968	5,196	5,664	6,064	1,336	611	529	567	650	701
Portable and table.....	6,956	4,172	4,888	5,134	5,617	6,030	974	534	513	554	640	693
Console and combination.....	1,426	374	80	62	47	34	362	77	16	13	11	7
Color.....	2,646	4,822	6,485	7,700	9,107	10,236	1,482	2,479	3,271	3,933	4,438	4,993
Portable and table.....	316	2,419	4,403	5,428	6,600	7,618	(NA)	943	1,920	2,415	2,779	3,207
Console and combination.....	2,330	2,403	2,082	2,272	2,507	2,618	(NA)	1,536	1,351	1,518	1,660	1,785
Audio/hifi components:												
Power lawn mowers.....	(NA)	(NA)	10,105	10,891	12,045	13,190	(NA)	(NA)	1,017	1,143	1,324	1,497
	4,500	5,650	5,670	6,000	6,085	6,315	421	791	992	1,017	1,063	780

¹ NA Not available. ² X Not applicable.¹ Includes combination/knife sharpeners/ice crushers. ² For 1965, toothbrushes only; thereafter, includes water-pulsating units.Source: Billboard Publications, Inc., New York, N.Y., *Merchandising*, annual statistical issues.

Section 30

Domestic Trade and Services



This section presents statistics relating to the retail and wholesale trades and selected service industries. Data shown for the trades, classified by kind of business, and for the various categories of services (e.g. personal, business, repair, hotel) cover sales or receipts, establishments, employees, payrolls, and other items. Also included are data for franchised businesses and active corporation advertising expenditures.

The principal sources of these data are census reports and survey reports of the Bureau of the Census. Data on national income originating in trade and services appear in the monthly *Survey of Current Business*, issued by the Bureau of Economic Analysis. Financial data for firms engaged in retail, wholesale, or service activities appear in the annual *Statistics of Income*, published by the Internal Revenue Service.

Censuses.—Censuses of business have been taken at various intervals since 1929. Beginning with the 1967 census, legislation provides for a census to be conducted every 5 years (for years ending in "2" and "7").

The establishments covered in the censuses and surveys of business are classified into 3 groups as defined in the *Standard Industrial Classification Manual* (see text, page 390). *Retail trade* refers to places of business primarily engaged in selling merchandise for personal or household consumption; *wholesale trade*, to establishments primarily engaged in selling goods to dealers and distributors for resale or to purchasers who buy for business and farm uses; and *selected services*, to establishments engaged primarily in the sale of services as contrasted with the sale of merchandise.

Prior to 1972, the censuses excluded the activities of doctors, dentists, and others performing a professional or scientific service. In 1972, however, dental laboratories, law firms, architects, and engineers were covered (see table 318 for legal services, 1972). Also excluded are educational institutions; religious or charitable institutions; hospitals and infirmaries; public utilities; and Government-operated enterprises, except wholesale and retail liquor operations. Most of these last groups will be covered in the 1977 census reports.

Data from the 1958 census exclude retail and service nonemployer establishments which had receipts of less than \$2,500 and \$1,000, respectively. Beginning with the 1963 census, nonemployer establishments which did not operate the entire year were included if, during the period they operated, their receipts were at a rate which would have reached the annual totals specified had they operated the entire year. Wholesale trade establishments with no paid employment are excluded.

For the current sample survey programs, retail trade coverage is the same as for the census; wholesale trade coverage is limited to merchant wholesalers; and selected services coverage is less inclusive than the census.

Current surveys.—Current sample surveys conducted by the Bureau of the Census cover various aspects of the retail and wholesale trades and selected service industries. Its *Monthly Retail Trade Report* contains monthly estimates of sales and end-of-month accounts-receivable balances of all retail stores, and of retail organizations operating 11 or more stores (see table 1466), for the United States, by kind of business. In addition, monthly retail sales data for census regions and divisions, 19 large States, and 28 large standard metropolitan statistical areas are included, as well as data on the number of department stores and the monthly sales of these stores in 243 selected areas; these data are subsequently republished in *Monthly Department Store Sales in Selected Areas*.

Annual figures on sales, sales-stock ratios, merchandise purchases, and yearend inventories and accounts-receivable balances, by kind of business, appear in the *Annual Retail Trade Report*.

Statistics from the Bureau's monthly wholesale trade survey include national estimates of merchant wholesalers' sales, inventories, and stock-sales ratios by kind of business, as well as sales and inventory trends by kind of business and by geographic divisions. Monthly sales estimates are also shown by geographic divisions for the summary groups—durable and nondurable goods wholesalers and all wholesalers combined. These data, based on reports submitted by a sample of firms, appear in the *Monthly Wholesale Trade Report*. The monthly *Selected Services Receipts Report* provides monthly estimates of receipts for six major kind-of-business groups and seven kind-of-business categories for the United States as a whole; these estimates appear also in the *Survey of Current Business*, cited above.

Estimates obtained from annual and monthly surveys are based on sample data and are not expected to agree exactly with results that would be obtained from a complete census of all establishments. Data include estimates for establishments not reporting.

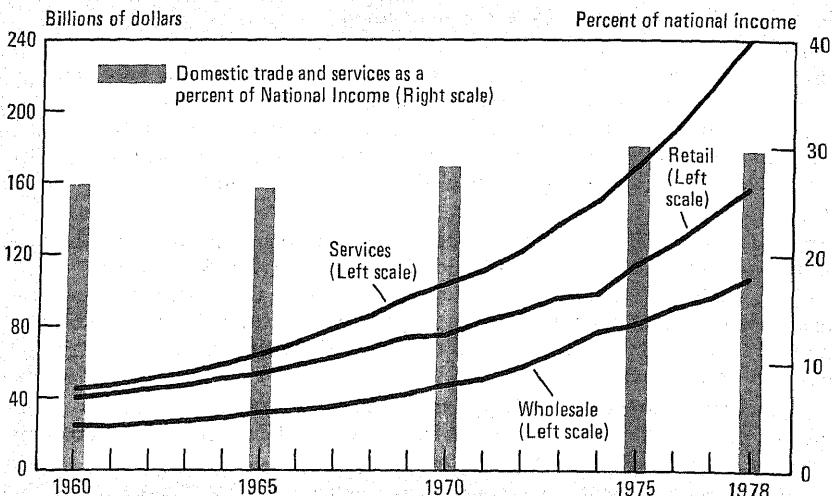
Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

Figure 30.1

National Income Originating in Domestic Trade and Service Industries: 1960 to 1978

(See table 1460)



Source: Chart prepared by U.S. Bureau of the Census.
Data from U.S. Bureau of Economic Analysis.

NO. 1460. NATIONAL INCOME ORIGINATING IN DOMESTIC TRADE AND SERVICE INDUSTRIES: 1950 TO 1978

[In billions of dollars, except percent. Prior to 1960, excludes Alaska and Hawaii. Data unadjusted for capital consumption and represent net value added at factor costs. Data based on 1972 Standard Industrial Classification. See *Historical Statistics, Colonial Times to 1970*, series T 1-14, for single-year data prior to minor revisions issued in 1977]

INDUSTRY	1950	1955	1960	1965	1970	1972	1974	1975	1976	1977	1978
National income, total	242.8	333.3	418.0	565.4	804.4	956.8	1,152.1	1,244.6	1,394.5	1,561.7	1,766.8
Wholesale and retail trade	41.0	52.3	64.7	84.7	122.2	144.6	175.0	194.2	214.9	234.5	261.8
Percent of total national income	16.9	15.7	15.5	15.0	15.2	15.1	15.2	15.6	15.4	15.0	14.8
Wholesale trade	14.2	18.9	24.7	31.9	46.9	56.8	76.6	80.6	89.1	96.0	107.0
Retail trade	26.8	33.4	40.1	52.8	75.3	87.8	98.3	113.7	125.8	138.4	154.8
Services	21.7	31.1	44.6	64.1	103.3	122.3	150.2	168.5	188.8	213.4	245.2
Percent of total national income	8.9	9.3	10.7	11.3	12.8	12.8	13.0	13.5	13.5	13.7	13.9
Hotels and other lodging places	1.4	1.7	2.0	2.8	4.4	5.3	6.2	7.0	8.0	8.7	10.4
Personal services	3.0	3.7	4.6	5.9	7.4	7.5	8.1	8.3	9.1	10.1	11.3
Miscellaneous business services	1.8	3.1	5.4	8.9	15.0	17.4	22.0	23.9	27.6	32.0	38.3
Auto repair, services, and garages	.9	1.2	1.7	2.4	3.6	4.5	5.4	5.9	6.7	7.9	9.5
Miscellaneous repair services	.7	.9	1.1	1.5	2.1	2.5	3.3	3.5	3.8	4.4	5.2
Motion pictures	.9	1.0	.9	1.2	1.6	1.6	1.7	1.8	2.5	2.8	3.3
Amusement and recreation services	.8	1.1	1.7	2.2	3.3	3.7	4.6	5.3	5.9	6.8	8.0
Medical and other health services	4.4	7.1	10.6	15.8	29.4	36.5	46.3	54.1	60.9	68.8	77.8
Legal services	1.3	1.9	2.7	4.2	6.7	8.4	10.7	11.8	12.6	14.4	16.2
Educational services	1.0	1.3	2.2	3.7	5.9	7.1	8.7	10.0	11.4	12.4	13.8
Nonprofit membership organization ¹	1.9	2.8	4.5	6.4	10.0	12.0	14.2	16.0	17.4	19.1	21.3
Miscellaneous professional services	1.2	2.2	3.4	5.2	8.7	10.6	13.5	15.0	16.6	19.3	22.7
Private households	2.6	3.1	3.8	4.0	5.1	5.3	5.6	5.8	6.4	6.8	7.5

¹ Includes social services.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-74*, and *Survey of Current Business*, July issues.

NO. 1461. PERSONS IN DOMESTIC TRADE AND SERVICE INDUSTRIES: 1950 TO 1977

[In thousands. Prior to 1960, excludes Alaska and Hawaii. Data represent worker years of full-time equivalent employment by persons working for wages or salaries and by active partners and proprietors of unincorporated businesses. Based on 1972 Standard Industrial Classification. See *Historical Statistics, Colonial Times to 1970*, series T 15-28, for single year data prior to minor revisions issued in 1977]

INDUSTRY	1950	1955	1960	1965	1970	1972	1974	1975	1976	1977
Wholesale and retail	10,764	11,714	12,429	13,109	14,757	15,333	16,314	16,230	16,801	17,551
Wholesale trade	2,814	3,157	3,410	3,633	4,105	4,230	4,579	4,482	4,647	4,774
Retail trade	7,950	8,557	9,019	9,476	10,652	11,103	11,735	11,748	12,154	12,777
Services	7,893	8,352	9,767	11,248	13,439	14,280	15,243	15,289	15,909	16,794
Hotels and other lodging places	605	632	688	829	993	1,009	1,098	1,097	1,100	1,158
Personal services	1,207	1,165	1,221	1,341	1,349	1,251	1,197	1,164	1,192	1,222
Misc. business services	394	540	815	1,155	1,655	1,782	2,067	2,024	2,144	2,311
Auto repair, serv., garages	310	308	385	440	494	554	583	598	635	674
Misc. repair services	248	252	262	292	312	334	383	388	390	411
Motion pictures	224	192	162	150	180	192	206	211	217	232
Amusement, recreat. serv.	282	272	308	340	397	455	509	508	540	569
Medical, other health serv.	1,217	1,448	1,763	2,101	2,870	3,318	3,767	3,999	4,189	4,456
Legal services	234	243	297	330	385	399	448	465	498	540
Educational services	473	504	621	792	907	954	971	1,027	1,048	1,069
Nonprofit member org. ¹	728	876	1,206	1,465	1,750	1,889	1,961	1,978	2,034	2,106
Misc. professional serv.	261	387	442	528	735	800	926	904	952	1,032
Private households	1,710	1,548	1,597	1,476	1,412	1,343	1,127	926	970	1,014

¹ Includes social services.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-74; Survey of Current Business*, July 1977 and July 1978; and unpublished data.

NO. 1462. RETAIL TRADE—SUMMARY: 1948 TO 1977

(Prior to 1958 and as noted, excludes Alaska and Hawaii. 1972 and 1977 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 43-47 and T 79-91)

ITEM	1948	1954	1958	1963	1967	1972	1977
Firms, total.....	1,000	(NA)	(NA)	(NA)	1,532	1,577	1,665
Multimunit establishments ¹	1,000	163	167	2 ² 183	220	220	(NA)
Establishments, total.....	1,000	1,770	1,722	1,795	1,708	1,763	1,913
With payroll.....	1,000	1,119	1,124	1,185	1,206	1,192	1,265
With sales of \$1,000,000 or more.....	1,000	(NA)	(NA)	(NA)	(NA)	74	(NA)
Consumer price index, 1967=100:							
All items ²		72.1	80.5	86.6	91.7	100.0	125.3
All commodities ³		80.4	85.9	90.6	93.6	100.0	120.9
Sales.....	bil. dol.	130.5	170.0	200.4	244.2	310.2	459.0
By establishments with payroll.....	bil. dol.	118.4	157.9	187.8	233.1	295.2	440.2
By multimunit establishments ¹	bil. dol.	38.7	51.2	2 ² 67.2	89.5	123.5	201.8
Percent of total sales.....		29.6	30.1	33.5	36.6	39.8	44.0
Percent of multimunit sales by 101-or-more establishment multimunits.....		41.6	41.8	1 ¹ 42.4	43.1	46.7	(NA)
In 1967 dollars.....	bil. dol.	166.4	197.0	221.3	268.2	313.9	379.1
Percent of sales by corporations.....		46.9	48.4	53.0	61.9	67.4	76.4
Per capita sales: ⁴							
Current dollars.....		890	1,043	1 ¹ 1,146	1,200	1,561	2,198
Constant (1967) dollars.....		1,107	1,214	1,265	1,378	1,561	1,818
Sales as percent of personal income.....		62.1	58.6	55.5	52.5	49.3	48.9
Sales, inside SMSA's ⁵	bil. dol.	80.9	(NA)	1 ¹ 130.0	169.8	221.4	(NA)
Percent of total sales.....		62.0	(NA)	66.4	69.5	71.4	(NA)
Percent of SMSA sales in central cities.....		71.4	(NA)	64.0	57.2	55.0	(NA)
Payroll entire year.....	bil. dol.	13.6	18.2	21.7	27.6	36.2	55.4
Percent of sales.....		10.4	11.5	11.5	11.3	11.7	12.1
Average weekly wage.....	dol.	(NA)	50	52	66	74	95
Paid employees, March 12 workweek ⁶	1,000	6,918	7,124	7,942	8,410	9,381	11,211
Active proprietors of unincorp. businesses.....	1,000	1,742	1,766	1,825	1,546	1,624	(NA)

NA. Not available. ¹ Establishments operated by firms which operate at two or more locations.

² Excludes Alaska and Hawaii. ³ Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*.

⁴ Based on estimated total population as of July 1. ⁵ For definition of SMSA, see Appendix II.

⁶ 1948-1963 data for week including November 15.

Source: Except as noted, U.S. Bureau of the Census, *U.S. Census of Business: 1948*, vol. I; *1954*, vol. I; *1958*, vol. I; *1963*, vol. I; *1967*, vol. I; *Census of Retail Trade, 1972*, RC 72-S-1 and *Census of Retail Trade, 1977* RC 77-52.

NO. 1463. RETAIL TRADE SALES—SUMMARY: 1967 TO 1979

[Data reflect use of a sample based on definition and classifications according to the 1972 Census of Distribution Trade and are adjusted for methodological revision effective in August 1977. Monthly data adjusted for seasonal variation and trading day differences. Based on Current Business Survey, see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series T 197, 245, 246, and 255]

YEAR	CURRENT DOLLARS						CONSTANT (1972) DOLLARS		
	Total sales (bil. dol.)	Per capita ¹ (dol.)	An- nual per- cent change	Index of sales (1972= 100)	Dur- able goods (bil. dol.)	Nondurable goods (bil. dol.)		Total sales (bil. dol.)	Per capita ¹ (dol.)
						Total	Dept. stores		
1967.....	293.0	1,484	(2)	65.2	88.7	204.2	31.1	(NA)	(NA)
1968.....	324.4	1,627	10.7	72.2	101.7	222.7	34.6	371.7	1,864 (NA)
1969.....	346.7	1,722	6.9	77.2	108.6	238.1	37.0	382.8	1,901 3.0
1970.....	368.4	1,808	6.3	82.0	109.2	259.2	38.5	391.7	1,922 2.3
1971.....	406.2	1,970	10.3	90.4	128.8	277.4	43.1	417.0	2,022 6.5
1972.....	449.1	2,157	10.6	100.0	148.4	300.6	47.3	447.7	2,150 7.4
1973.....	503.3	2,398	12.1	112.1	169.6	333.7	52.3	473.3	2,255 5.7
1974.....	536.3	2,537	6.6	119.4	167.1	369.3	55.0	453.5	2,145 -4.2
1975.....	584.8	2,745	9.0	130.2	181.3	403.5	58.8	458.1	2,150 1.0
1976.....	655.2	3,052	12.0	145.9	216.9	438.3	64.8	487.1	2,269 6.3
1977.....	724.0	3,346	10.5	161.2	247.8	476.2	72.3	512.0	2,366 5.1
1978.....	798.8	3,663	10.3	177.9	277.9	520.9	79.7	530.3	2,432 3.6
1979, Jan.-June.....	428.8	1,955	(X)	(X)	149.3	279.5	41.4	226.8	1,034 (X)

NA. Not available. X. Not applicable. ¹ Based on Bureau of the Census estimates of resident population as of July 1, except 1979, as of March 1. ² 1966 data not comparable with 1967.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Monthly Retail Trade*. Monthly data in U.S. Bureau of Economic Analysis, *Survey of Current Business* and *Business Conditions Digest*, both monthly.

NO. 1464. RETAIL TRADE—SALES, BY GEOGRAPHIC DIVISION AND FOR SELECTED STATES: 1978 AND 1979

[For composition of divisions, see fig. I, inside front cover. Data reflect methodological revision effective Aug. 1977. Based on Current Business Survey, see Appendix III.]

GEOGRAPHIC DIVISION AND STATE	1978		1979, Jan.-June		STATE	1978		1979, Jan.-June	
	Total sales (bil. dol.)	Per capita sales ¹ (dol.)	Total sales (bil. dol.)	Per cent change ²		Total sales (bil. dol.)	Per capita sales ¹ (dol.)	Total sales (bil. dol.)	Per cent change ²
Total.....	798.8	3,663	414.9	11.4	Louisiana.....	12.9	3,263	6.9	13.1
New England.....	42.6	3,472	21.5	10.3	Maryland.....	16.3	3,927	8.1	6.6
Mid-Atlantic.....	123.1	3,343	63.5	10.1	Massachusetts.....	20.7	3,586	10.3	7.3
E. No. Central.....	157.5	3,820	79.7	9.8	Michigan.....	36.1	3,925	18.8	13.3
W. No. Central.....	63.6	3,736	32.8	11.2	Minnesota.....	15.2	3,796	7.9	11.3
So. Atlantic.....	126.7	3,663	66.2	10.5	Missouri.....	18.2	3,740	9.4	11.9
E. So. Central.....	46.9	3,349	23.8	9.7	New Jersey.....	27.3	3,732	14.3	16.8
W. So. Central.....	82.0	3,721	43.6	13.2	New York.....	55.2	3,112	28.4	7.2
Mountain.....	40.0	3,884	21.4	15.1	North Carolina.....	18.1	3,245	9.3	9.4
Pacific.....	116.5	3,909	62.4	14.7	Ohio.....	39.9	3,712	20.0	9.3
California.....	86.4	3,876	46.7	15.6	Pennsylvania.....	40.5	3,449	20.8	10.1
Florida.....	36.3	4,219	20.0	15.6	Tennessee.....	15.1	3,471	7.8	11.4
Illinois.....	44.5	3,955	22.2	6.2	Texas.....	52.6	4,041	28.1	14.2
Indiana.....	20.2	3,762	10.2	10.9	Virginia.....	18.3	3,560	9.5	9.2
					Wisconsin.....	16.8	3,601	8.5	11.8

¹ Based on resident population estimates as of July 1.

² From Jan.-June 1978. Sales unadjusted for seasonal variation.

NO. 1465. RETAIL TRADE—SALES, BY KINDS OF BUSINESS: 1967 TO 1979

[In billions of dollars. Based on 1972 Standard Industrial Classification. Data reflect methodological revision effective Aug. 1977. Based on Current Business Survey, see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series T 245-271.]

KIND OF BUSINESS	1967	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979, Jan.- June
Retail trade, total.....	293.0	368.4	406.2	449.1	503.3	536.3	584.8	655.2	724.0	798.8	428.8
Durable goods stores, total².....	88.7	109.2	128.8	148.4	169.6	174.1	181.3	216.9	247.8	277.9	149.3
Automotive dealers.....	53.8	62.6	77.4	88.5	101.1	94.7	105.1	128.5	148.4	163.7	86.6
Motor veh., misc. auto'tive dealers.....	49.7	56.9	70.9	81.1	92.8	85.9	98.4	117.8	135.8	149.7	78.8
Auto and home supply stores.....	4.2	5.6	6.6	7.4	8.3	8.8	9.6	10.7	12.7	14.0	7.8
Furniture, home furnishings, equip. stores ²	14.2	17.7	18.9	22.0	25.2	27.0	28.2	31.6	34.8	37.4	20.3
Furniture, home furnishings stores.....	8.3	10.6	11.6	13.7	15.7	16.8	16.7	18.6	20.8	22.7	12.6
Household appliance, radio, TV.....	5.0	6.0	6.1	6.8	7.8	8.0	8.9	9.9	10.8	11.0	6.0
Building materials, hardware, garden supply, mobile home dealers ²	13.3	17.6	20.2	23.3	26.7	26.9	27.2	33.1	38.6	44.1	23.9
Building materials, supply stores.....	9.0	11.2	12.9	15.0	17.1	17.6	17.7	22.1	26.5	30.0	15.6
Hardware stores.....	2.8	3.2	3.4	3.9	4.5	4.9	5.5	6.0	6.5	6.9	4.0
Nondurable goods stores, total².....	204.2	259.2	277.4	300.7	333.7	369.2	403.5	438.3	476.2	520.9	279.5
Apparel and accessory stores ²	16.3	20.2	22.1	24.1	26.8	27.9	30.3	32.7	34.3	37.8	20.0
Men's, boys' clothing, furnishings stores.....	3.4	4.4	4.7	5.5	6.0	6.1	6.5	6.8	7.1	7.4	3.8
Women's clothing, specialty stores, furriers.....	6.4	7.7	8.7	9.2	10.2	10.8	11.9	12.9	13.1	14.7	7.7
Shoe stores.....	2.9	3.6	3.7	4.0	4.6	4.4	4.8	5.2	5.9	6.6	3.5
Drug stores and proprietary stores.....	10.8	13.8	14.4	15.3	16.4	17.9	19.3	21.1	22.9	25.3	13.7
Eating and drinking places.....	23.5	31.1	32.9	36.2	40.7	45.0	51.4	57.4	63.6	70.1	37.4
Food stores.....	69.4	88.7	92.6	99.0	110.4	125.2	137.8	147.8	158.5	174.5	95.0
Grocery stores.....	64.2	81.5	85.3	91.7	102.4	116.1	128.1	137.1	147.1	161.5	87.3
Gasoline service stations.....	22.6	29.2	30.9	33.4	37.4	43.8	48.7	53.4	58.2	60.9	34.0
General merchandise group stores ²	41.0	50.3	55.6	60.9	67.2	71.0	75.6	81.5	90.1	99.5	51.6
Department stores.....	31.1	38.5	43.1	47.3	52.3	55.0	58.8	64.8	72.3	79.7	41.4
Variety stores.....	5.3	6.6	6.6	7.2	7.8	8.2	8.6	7.7	7.6	7.8	4.1
Liquor stores.....	6.6	8.3	9.2	9.7	10.2	10.9	11.7	12.2	12.8	13.6	7.3
Mail-order houses (department store merchandise) ³	2.7	3.5	3.9	4.3	5.0	5.4	5.5	6.1	6.7	7.1	2.8

¹ Adjusted for seasonal variation.

² Includes kinds of business not shown separately.

³ Includes sales made by mail-order catalog desks in department stores of mail-order firms.

Source of tables 1464 and 1465: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Monthly Retail Trade*.

NO. 1466. RETAIL TRADE—SALES OF MULTIUNIT ORGANIZATIONS: 1970 TO 1978

[In billions of dollars. Data based on sales of organizations operating 11 or more retail stores (beginning 1977, those meeting certain sales criteria). Data for 1970–1976 are not comparable with 1977–1978 due to sample revision. For details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 197–219.]

KIND OF BUSINESS	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total sales.....	117.2	125.6	137.7	154.5	169.4	183.1	199.6	244.1	270.3
Durable goods stores ¹	8.6	8.5	9.1	9.6	9.9	10.3	11.6	17.3	20.5
Tire, battery, accessory dealers.....	1.8	2.0	2.1	2.2	2.2	2.3	2.3	2.6	3.1
Nondurable goods stores ¹	108.6	117.2	128.6	144.9	159.5	172.8	188.0	226.8	249.8
Food stores.....	44.1	46.0	49.8	55.9	63.4	69.3	74.4	84.1	92.7
Grocery stores.....	43.2	45.2	49.2	55.2	62.6	68.4	73.5	83.3	91.7
General merchandise group.....	46.1	52.1	58.1	65.6	70.6	75.6	83.0	79.9	88.2
Department stores.....	31.9	36.5	41.1	46.4	49.8	54.2	60.7	68.4	75.3
Variety stores.....	5.4	5.4	5.9	6.6	7.0	7.4	6.6	5.8	6.3
Apparel and accessory stores ¹	5.5	5.7	6.1	6.6	6.4	6.8	7.0	11.8	13.1
Women's apparel, accessory stores.....	1.9	2.1	2.2	2.4	2.4	2.6	2.6	4.9	5.5
Shoe stores.....	1.5	1.5	1.7	1.9	1.7	1.8	1.7	2.8	3.1
Drug and proprietary stores.....	4.4	4.7	5.2	6.9	6.5	7.1	8.2	10.7	12.0

¹ Includes kinds of business not shown separately.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Monthly Retail Trade Report*.

NO. 1467. RETAIL TRADE—MERCHANTISE INVENTORIES AND SALES-INVENTORY RATIOS: 1976 AND 1977

[As of Dec. 31. Data reflect methodological revision effective Aug. 1977. Based on Current Business Survey, see Appendix III]

KIND OF BUSINESS	INVENTORIES AT COST ¹ (bil. dol.)			SALES-INVENTORY RATIOS ²			MERCHANTISE PURCHASED, RETAIL STORES (bil. dol.)	
	Total ²		Retail stores only, 1977	Total ²		Retail stores only, 1977	1976	1977
	1976	1977		1976	1977			
	77.6	88.1	78.2	8.4	8.2	9.3	465.7	521.3
Total	37.6	43.2	40.6	5.8	5.7	6.1	162.4	190.7
Durable goods stores ⁴	6.1	6.8	5.9	5.2	5.1	5.9	20.5	22.6
Furniture, home furnishings, and equipment stores ⁴	3.5	3.9	3.4	5.3	5.3	6.1	11.7	12.9
Furniture, home furnishings.....	2.7	2.9	2.5	4.6	4.8	5.5	7.8	8.7
Household appliances, TV, radio.....	1.9	2.1	1.7	5.2	5.1	6.3	6.8	7.6
Bldg. materials, hardware, garden supply, and mobile home dealers.....	6.2	7.2	6.7	5.3	5.4	5.8	23.6	28.4
Bldg. materials, supply, hardware.....	5.3	6.0	5.5	5.3	5.5	6.0	20.3	24.2
Bldg. materials and supply stores.....	3.8	4.3	3.9	5.8	6.2	6.8	16.3	19.5
Hardware stores.....	1.4	1.7	1.6	4.1	3.8	4.0	3.9	4.7
Automotive dealers ⁴	18.6	21.9	21.4	6.9	6.9	6.9	104.8	123.3
Motor vehicle dealers.....	14.6	17.5	17.3	7.6	7.3	7.4	92.1	108.3
Auto and home supply stores.....	2.4	2.6	2.4	4.5	4.9	5.3	6.8	8.7
Nondurable goods stores ⁴	40.0	45.0	37.6	11.0	10.6	12.7	303.3	330.5
Food stores.....	8.8	9.6	7.4	16.7	16.6	21.5	115.7	122.5
Grocery stores.....	8.5	9.1	7.0	16.2	16.1	21.0	109.1	115.5
Eating and drinking places.....	1.4	1.5	1.4	40.5	41.0	46.4	27.1	29.3
General merchandise group stores.....	13.6	15.9	13.2	6.0	5.7	6.8	53.6	60.6
Dept. stores, misc. general mdse. stores.....	12.1	14.2	11.7	6.1	5.8	7.1	48.4	55.3
Department stores.....	10.1	11.9	9.7	6.4	6.1	7.5	42.1	47.9
Variety stores.....	1.6	1.7	1.5	4.9	4.4	5.0	5.2	5.3
Apparel and accessory stores ⁴	6.2	7.1	6.7	5.2	4.8	5.1	20.4	20.9
Men's, boy's clothing, furnishings.....	1.4	1.7	1.7	4.7	4.0	4.2	4.1	4.3
Women's ready-to-wear stores.....	1.6	1.9	1.8	7.2	6.4	6.7	7.0	7.1
Shoe stores.....	1.4	1.5	1.3	3.8	4.0	4.4	3.4	3.4
Gasoline service stations.....	1.7	1.9	1.6	30.6	30.3	35.7	41.7	47.9
Drug and proprietary stores.....	3.5	3.7	3.4	6.0	6.1	6.8	14.6	16.1
Liquor stores.....	1.3	1.4	1.2	9.3	9.3	10.6	9.7	10.0
Mail-order houses (dept. store merchandise)	.9	1.1	.7	7.1	6.4	9.1	4.9	4.3

¹ Excludes supplies and equipment used in store and warehouse operations that are not for resale. ² Includes warehouses. ³ Relates annual sales to yearend inventories. ⁴ Includes kinds of business not shown separately.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Annual Retail Trade Report*.

No. 1468. DEPARTMENT STORES—SALES, INVENTORIES, AND ACCOUNTS RECEIVABLE: 1975 TO 1978

[In billions of dollars, except as indicated. Sales and inventories figures reflect revisions based on data derived from the 1977 Annual Retail Trade Report. Covers stores normally employing 25 or more persons and carrying a general line of apparel, homefurnishings, and housewares, with no one of the 3 categories accounting for as much as 80 percent of total sales]

ITEM	1975	1976	1977	1978	ITEM	1975	1976	1977	1978
Sales, total	58.8	64.8	72.3	79.7	Sales-inventory ratio, stores only ²				
Per capita ¹ , dol.	278	304	337	368	(NA)	7.6	7.5	(NA)	
Percent dep't. of all retail	10.1	9.9	10.0	10.0	Accounts receivable (Dec. 31)	(NA)	(NA)	16.0	17.9
Inventories (Dec. 31):					Charge accounts ³	(NA)	(NA)	1.0	1.1
Warehouse and stores	9.1	10.1	11.9	13.6	Installment accounts ⁴	(NA)	(NA)	15.0	16.8
Stores only	(NA)	(NA)	9.7	(NA)					

NA. Not available. ¹ Based on Bureau of the Census estimates of civilian population as of July 1.

² Ratio of annual sales to year-end inventories. ³ Receivables for which full payment is scheduled to be made at end of customary billing period. ⁴ Receivables scheduled to be paid in 2 or more payments.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Annual* and *Monthly Retail Trade*.

No. 1469. RETAIL GASOLINE SERVICE STATIONS—NUMBER AND SALES: 1975 TO 1979

[Based on sample surveys. For details, see source]

ITEM	1975	1976	1977	1978	1979	PERCENT DISTRIBUTION	
						1975	1979
Number of stations ¹	1,000	190.3	182.2	178.6	177.8	163.2	100.0
Branded independent ²	1,000	163.5	154.0	149.3	146.6	137.0	85.9
Nonbranded independent ³	1,000	10.7	10.9	12.9	15.6	11.9	7.3
Refiner/marketer ⁴	1,000	16.1	17.3	16.4	15.6	14.3	8.5
Total sales ⁵	bil. dol.	48.7	53.4	58.2	60.9	63.3	(X)
Gasoline sales	mil. gal.	76,294	77,981	82,939	82,173	87,321	100.0
Branded independent ²	mil. gal.	57,189	56,241	58,902	57,671	26,123	70.0
Nonbranded independent ³	mil. gal.	7,764	8,527	9,770	9,675	4,228	10.2
Refiner/marketer ⁴	mil. gal.	11,281	13,213	14,267	14,827	6,970	14.8

X. Not applicable.

¹ For July of each year.

² Marketer engaged in marketing or distribution pursuant to (a) an agreement or contract with a refiner to use a trademark, trade name, or other identifying symbol or name owned by the refiner or (b) an agreement or contract under which the marketer is granted the authority to occupy premises owned, leased, or in any way controlled by the refiner.

³ Marketer engaged in marketing or distribution but which is not (a) a refiner; (b) controlled by, or controls, or is under common control with, or is affiliated with a refiner; (c) a branded independent marketer.

⁴ An outlet selling to ultimate consumers which is operated by salaried or commissioned personnel of a refiner and/or involves personnel services contracted by the refiner.

⁵ Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Monthly Retail Trade*.

⁶ January-June.

Source: Except as noted, U.S. Energy Information Administration, *Petroleum Market Shares*, monthly.

No. 1470. RETAIL TRADE—SIZE OF ESTABLISHMENT AND LEGAL FORM OF ORGANIZATION: 1972

[See also *Historical Statistics, Colonial Times to 1970*, series T 43-57]

ITEM	Es-tab-lish-ments (1,000)	Total sales (mil. dol.)	Pay-roll ¹ (mil. dol.)	Paid em-ployees ² (1,000)	ITEM	Es-tab-lish-ments (1,000)	Total sales (mil. dol.)	Pay-roll ¹ (mil. dol.)	Paid em-ployees ² (1,000)
All establishments	1,913	459,040	55,372	11,211	Paid employees ² —				
Operated entire year	1,710	427,640	51,828	10,459	Less than 4 ³ —	1,104	63,665	4,300	892
Annual sales of—					4 to 7—	282	53,110	6,529	1,403
Less than \$30,000—	516	6,673	378	165	8-19—	212	84,667	11,562	2,486
\$30,000-\$49,999—	188	7,354	746	263	20 or more—	112	226,197	29,436	5,617
\$50,000-\$99,999—	304	21,972	2,573	788	Not operated entire year—				
\$100,000-\$299,999—	450	77,724	10,217	2,542	203	31,401	3,545		752
\$300,000-\$499,999—	106	40,497	5,832	1,261	Single units operated—	1,621	4245,168	427,834	4 5,606
\$500,000-\$999,999—	71	48,823	6,667	1,304	Multifunctions—	291	4201,838	426,264	4 5,206
\$1,000,000 or more—	74	224,597	25,415	4,136	Corporations—	566	343,094	44,999	8,319
					All other legal forms—	1,346	115,946	10,373	2,892

¹ For entire year. ² Week including Mar. 12. ³ Includes no paid employees.

⁴ Establishments in business at end of year.

Source: U.S. Bureau of the Census, *Census of Retail Trade, 1972*, RC 72-S-1.

NO. 1471. RETAIL TRADE—ESTABLISHMENTS AND SALES, 1972 AND 1977, AND PAID EMPLOYEES AND PAYROLL, BY STATES: 1977

[Number in thousands, sales in billions of dollars. 1972 data adjusted to exclude non-employer direct sellers]

STATE	ALL ESTABLISHMENTS					ESTABLISHMENTS WITH PAYROLL, 1977				
	Number		Sales ¹			Num- ber	Sales	Paid employ- ees ²	Pay- roll entire year (bil. dol.)	Percent change, 1972-1977
	1972	1977	1972	1977	Per- cent change, 1972- 1977					
U.S.	1,780.4	1,855.1	457.4	723.1	58.1	3,342	1,303.6	699.6	13,040.1	85.9
N.E.	105.5	107.2	27.8	40.4	45.1	3,299	76.8	39.0	763.8	4.8
Maine	10.4	11.2	2.2	3.6	62.3	3,336	7.6	3.5	60.8	.4
N.H.	7.7	8.9	2.0	3.4	66.6	3,985	6.2	3.3	57.9	.4
Vt.	5.0	5.7	1.1	1.7	51.5	8,460	4.0	1.6	29.8	.2
Mass.	47.5	46.7	13.3	18.5	39.3	3,198	34.3	17.9	372.0	2.3
R.I.	8.5	8.1	2.0	2.8	39.2	2,991	5.8	2.7	53.6	.8
Conn.	26.4	26.5	7.2	10.4	44.9	3,356	18.8	10.1	189.7	1.3
M.A.	308.9	300.5	80.9	112.2	38.8	3,028	212.0	108.4	2,022.7	13.8
N.Y.	150.9	142.2	39.0	50.7	29.8	2,827	102.1	49.0	931.1	6.5
N.J.	56.6	59.6	16.8	24.3	44.6	3,310	43.2	23.5	414.6	2.9
Pa.	101.4	98.7	25.0	37.2	48.8	3,157	66.7	35.9	677.0	4.3
E.N.C.	321.1	320.9	89.9	139.9	55.7	3,406	229.8	136.2	2,538.7	16.7
Ohio	82.7	82.4	22.8	35.6	56.0	3,825	50.8	34.7	651.3	4.3
Ind.	42.9	43.6	11.4	18.3	59.6	3,414	31.5	17.8	331.6	2.1
Ill.	86.7	85.0	25.8	39.2	51.9	3,493	60.3	38.2	732.1	4.9
Mich.	65.9	67.1	20.5	31.9	55.3	3,488	48.4	31.1	523.5	3.7
Wis.	43.0	42.8	9.3	14.0	61.3	3,215	29.8	14.4	300.2	1.8
W.N.C.	157.2	158.5	34.9	56.6	62.2	3,348	113.4	54.7	1,088.7	6.6
Minn.	33.2	33.6	8.3	13.6	63.1	3,409	24.1	13.2	271.2	1.6
Iowa	28.5	28.7	5.8	9.8	68.2	3,405	21.1	9.5	189.1	1.1
Mo.	42.4	43.2	10.2	15.9	55.6	3,302	30.3	15.3	294.2	1.9
N. Dak.	6.5	6.7	1.3	2.2	77.0	3,461	5.0	2.2	42.4	.3
S. Dak.	7.7	7.6	1.3	2.2	66.6	3,174	5.4	2.1	41.6	.2
Nebr.	15.3	15.2	3.2	5.1	61.8	3,309	11.1	5.0	103.1	.6
Kans.	23.6	23.4	4.7	7.7	62.2	3,317	16.5	7.4	147.0	.9
S.A.	271.4	294.0	71.6	113.8	58.3	3,309	205.9	109.6	2,073.8	13.3
Del.	4.8	4.9	1.5	2.1	45.0	3,674	3.8	2.1	39.0	.3
Md.	26.7	28.3	9.4	14.4	52.7	3,475	21.3	14.1	262.0	1.8
D.C.	4.4	4.2	1.8	2.1	16.2	3,043	3.6	2.1	47.1	.3
Va.	33.5	37.2	10.0	16.5	65.2	3,245	27.5	16.1	297.1	2.0
W. Va.	15.1	14.9	3.3	5.7	71.9	3,063	10.2	5.5	89.8	.6
N. C.	47.5	50.6	10.6	16.8	58.5	3,054	34.2	16.1	293.6	1.9
S.C.	25.1	26.9	5.2	8.4	61.9	2,901	17.4	7.9	145.8	.9
Ga.	43.3	44.6	10.4	15.9	53.3	3,157	30.9	15.3	285.0	1.8
Fla.	70.8	82.3	19.4	31.4	61.7	5,710	57.1	30.5	614.5	3.7
E.S.C.	117.3	121.7	25.1	41.1	63.7	2,970	82.2	39.0	698.0	4.4
Ky.	28.5	30.1	6.1	10.5	70.6	3,025	20.2	10.0	178.2	1.1
Tenn.	36.7	38.5	8.4	13.7	62.3	3,194	26.1	13.1	235.2	1.5
Ala.	30.7	31.6	6.6	10.7	63.1	2,900	21.6	10.2	181.2	1.1
Miss.	21.4	21.5	3.9	6.2	56.6	2,592	14.3	5.8	103.4	.6
W.S.C.	193.8	202.5	42.3	73.8	74.4	3,402	138.8	71.1	1,296.3	8.3
Ark.	21.1	21.8	3.9	6.4	63.6	2,966	14.2	6.0	105.1	.6
La.	31.1	32.0	7.2	12.4	72.6	3,160	22.2	12.0	219.2	1.4
Okla.	27.4	28.1	5.5	9.2	67.5	3,276	19.0	8.8	163.5	1.0
Tex.	114.3	120.6	25.7	45.8	78.0	3,578	83.4	44.3	808.5	5.2
Mt.	83.9	96.0	20.9	36.7	75.7	3,653	67.7	35.7	677.7	4.3
Mont.	8.2	8.9	1.6	2.8	77.0	3,717	6.3	2.7	49.9	.3
Idaho	8.0	8.8	1.7	3.0	82.4	3,524	6.2	2.9	52.7	.3
Wyo.	4.2	4.7	.8	1.7	103.4	4,074	3.4	1.6	27.6	.2
Colo.	21.8	25.7	5.8	9.8	68.2	3,743	18.1	9.5	189.8	1.2
N. Mex.	10.6	11.6	2.3	4.0	75.3	3,363	7.9	3.9	74.2	.5
Ariz.	17.0	20.0	4.7	8.2	72.1	3,544	14.1	8.0	153.9	1.0
Utah	8.9	9.9	2.4	4.1	75.9	3,265	7.2	4.0	81.4	.5
Nev.	5.2	6.4	1.6	3.1	92.4	4,818	4.6	3.0	48.3	.4
Pac.	221.3	253.7	64.0	109.0	70.4	3,727	177.0	106.0	1,880.4	13.8
Wash.	28.7	31.9	7.5	13.5	80.9	3,668	23.1	13.2	230.6	1.7
Oreg.	20.4	22.8	5.2	9.3	80.8	3,919	16.1	9.1	158.4	1.1
Calif.	163.5	187.9	48.7	81.1	66.4	3,703	130.1	78.7	1,398.2	10.3
Alaska	2.8	3.8	.8	1.8	137.9	4,433	2.4	1.8	26.1	.3
Hawaii	5.9	7.4	1.9	3.3	77.1	3,697	5.3	3.2	72.1	.5

¹ Includes sales taxes and finance charges in 1972 but not in 1977.

² Week including March 12.

No. 1472. RETAIL TRADE—ESTABLISHMENTS AND SALES, BY KIND OF BUSINESS, BY STATES: 1977

STATE	TOTAL ¹		FOOD STORES		AUTOMOTIVE DEALERS		GENERAL MERCHANDISE GROUP STORES		EATING AND DRINKING PLACES		GASOLINE SERVICE STATIONS	
	Establishments	Sales	Establishments	Sales	Establishments	Sales	Establishments	Sales	Establishments	Sales	Establishments	Sales
	Mil. dol.		Mil. dol.		Mil. dol.		Mil. dol.		Mil. dol.		Mil. dol.	
U.S.---	1,855,068	723,134	251,971	157,940	139,006	149,952	48,911	93,948	368,066	63,276	176,465	56,468
N.E.-----	107,239	40,375	13,878	9,354	6,938	6,838	3,115	4,845	21,222	3,617	8,971	2,941
Maine---	11,244	3,616	1,822	872	962	724	522	393	1,814	261	938	244
N.H.-----	8,922	3,387	1,182	826	661	649	321	353	1,542	253	704	237
Vt.-----	5,736	1,668	815	389	414	308	222	144	920	128	540	140
Mass.----	46,745	18,474	5,745	4,210	2,834	2,887	1,295	2,361	9,948	1,828	3,882	1,290
R.I.-----	8,138	2,802	1,107	639	538	472	184	337	1,829	255	697	216
Conn.----	26,454	10,428	3,207	2,418	1,538	1,798	571	1,257	5,189	892	2,215	814
M.A.-----	300,487	112,229	46,414	26,753	17,046	19,123	6,380	14,751	67,343	10,093	23,589	7,645
N.Y.-----	142,202	50,698	22,873	12,611	6,808	7,512	2,975	6,645	32,997	4,953	9,245	2,984
N.J.-----	59,566	24,287	9,026	5,838	3,151	4,225	1,048	3,009	12,985	2,148	5,350	1,804
Pa.-----	98,719	37,244	14,515	8,304	7,087	7,386	3,577	5,097	21,361	2,992	8,904	2,357
E.N.C.----	320,913	139,888	37,328	28,766	22,501	30,435	7,916	19,283	73,934	12,510	32,117	11,701
Ohio----	82,404	35,563	10,884	7,838	5,819	7,713	1,917	5,451	17,982	3,105	8,820	3,117
Ind.-----	43,643	18,263	4,254	3,665	3,784	4,168	1,183	2,393	8,523	1,520	4,867	1,702
Ill.-----	84,988	39,215	8,897	7,571	5,379	8,088	2,319	5,129	20,704	3,665	7,815	3,041
Mich.----	67,059	31,912	9,033	6,608	4,970	7,433	1,372	4,881	13,836	2,696	6,572	2,591
Wis.----	42,819	14,930	4,310	3,084	2,549	3,033	1,125	1,929	12,889	1,524	4,043	1,250
W.N.C.----	158,497	56,595	16,121	10,990	12,906	12,437	4,725	7,331	31,084	4,732	17,458	5,279
Minn.----	33,602	13,567	3,709	2,456	2,339	2,601	812	1,853	6,315	1,155	3,280	1,194
Iowa----	28,737	9,833	2,529	1,969	2,159	2,231	921	1,164	6,193	806	3,424	954
Mo.-----	43,219	15,920	4,910	3,295	4,130	3,545	1,543	2,227	8,046	1,321	5,008	1,497
N. Dak.---	6,681	2,250	693	370	462	559	178	217	1,493	190	687	202
S. Dak.---	7,622	2,184	776	406	531	478	201	193	1,580	190	861	241
Nebr.----	15,249	5,145	1,422	972	1,258	1,094	447	686	3,189	474	1,732	530
Kans.----	23,387	7,696	2,082	1,522	2,027	1,839	623	991	4,268	596	2,466	661
S.A.-----	293,992	113,333	47,162	25,437	23,961	23,855	9,364	14,787	47,767	9,331	30,089	9,303
Del.-----	4,935	2,139	656	474	343	362	139	328	863	164	435	162
Md.-----	28,344	14,377	4,055	3,198	1,836	2,825	648	2,037	5,726	1,257	2,465	1,210
D.C.-----	4,213	2,085	538	355	103	202	68	204	1,158	379	250	138
Va.-----	37,216	16,535	6,163	3,712	3,090	3,540	1,463	2,215	6,356	1,239	3,982	1,481
W. Va.---	14,912	5,676	2,662	1,374	1,189	1,265	708	776	2,727	352	1,818	493
N.C.-----	50,619	16,842	9,206	3,831	4,891	3,769	1,889	1,992	7,123	1,177	5,775	1,360
S.C.-----	26,897	8,350	5,008	2,022	2,545	1,766	1,020	989	3,796	587	3,001	722
Ga.-----	44,605	15,916	7,495	3,455	3,895	3,481	1,507	2,132	6,345	1,261	5,086	1,351
Fla.-----	82,251	31,413	11,379	7,016	6,069	6,645	1,922	4,114	13,678	2,925	7,287	2,386
E.S.C.----	121,685	41,091	22,999	9,489	11,683	9,748	4,651	5,001	17,258	2,824	13,066	3,436
Ky.-----	30,104	10,492	5,603	2,490	2,736	2,292	1,080	1,192	4,413	772	3,452	1,021
Tenn.----	38,530	13,710	6,849	3,007	3,702	3,328	1,325	1,764	5,884	990	4,090	1,151
Ala.-----	31,582	10,705	5,887	2,440	3,196	2,611	1,316	1,308	4,102	691	3,562	810
Miss.----	21,469	6,184	4,660	1,552	2,049	1,522	930	737	2,859	371	1,962	454
W.S.C.----	202,542	73,844	29,910	16,365	18,915	17,789	5,567	9,397	36,817	5,775	21,206	5,453
Ark.-----	21,779	6,383	3,595	1,453	2,255	1,539	748	751	3,088	385	2,407	496
La.-----	32,049	12,417	5,801	3,079	2,429	2,707	1,045	1,669	6,382	997	2,989	858
Okla.----	28,119	9,228	3,503	2,096	2,843	2,284	782	1,093	5,101	715	3,063	655
Tex.-----	120,595	45,816	17,011	9,737	11,388	11,259	2,992	5,884	22,246	3,678	12,747	3,444
Mt.-----	95,980	36,750	9,466	7,726	7,366	7,359	2,436	4,281	19,261	3,371	9,765	3,097
Mont.----	8,880	2,848	890	599	655	604	217	245	2,083	275	968	272
Idaho---	8,846	3,016	968	659	832	700	256	280	1,793	260	830	223
Wyo.----	4,692	1,664	321	314	357	344	151	135	866	146	647	214
Colo.----	25,675	9,825	2,177	2,008	1,889	2,081	495	1,204	5,004	966	2,485	708
N. Mex.---	11,604	4,022	1,254	839	890	934	399	451	2,061	345	1,389	366
Ariz.----	20,008	8,170	2,257	1,893	1,487	1,707	520	1,053	4,134	775	1,656	652
Utah.---	9,920	4,146	1,011	821	800	952	267	551	1,964	314	1,149	367
Nev.----	6,355	3,069	578	593	476	637	131	362	1,356	290	641	295
Pac.-----	253,733	109,034	28,693	23,062	17,690	21,770	4,757	14,273	53,380	11,025	20,204	7,614
Wash.---	31,872	13,503	3,586	2,895	2,640	2,757	586	1,604	6,296	1,356	3,005	947
Oreg.---	22,788	9,348	2,729	1,822	1,747	2,083	481	1,256	4,578	879	2,185	655
Calif.---	187,904	81,058	21,115	17,267	12,757	16,232	3,251	10,554	40,050	8,052	14,388	5,733
Alaska.---	3,781	1,831	387	427	255	241	180	227	799	254	211	103
Hawaii.---	7,388	3,294	876	651	291	457	259	632	1,657	484	415	176

¹ Includes kinds of business not shown separately.Source: U.S. Bureau of the Census, *Census of Retail Trade, 1977*, Geographic Area Series, RC 77-52.

NO. 1473. RETAIL TRADE—ESTABLISHMENTS WITH PAYROLL, 1972, AND ESTABLISHMENTS, SALES, AND PERSONNEL, 1977, BY KIND OF BUSINESS

[See also *Historical Statistics, Colonial Times to 1970*, series T 79-196]

KIND OF BUSINESS	1972		1977				Paid employees ²	
	Establishments with payroll		All estab- lish- ments, number	Sales ¹		Pay- roll, entire year		
	Number	Sales ¹		All estab- lish- ments with payroll, number	Mil. dol.	Mil. dol.		
	1,000	Mil. dol.	1,000	1,000	Mil. dol.	Mil. dol.	1,000	
Retail trade, total ³	1,264.9	440,222	1,855.1	1,303.6	723,134	699,635	85,854	
Building materials, hardware, garden supply, and mobile home dealers	62.0	22,958	90.4	65.8	38,860	37,793	4,367	470
Building materials, supply stores	31.9	15,027	40.6	34.0	27,127	26,804	2,993	294
Hardware stores	18.5	3,684	26.5	19.4	6,087	5,695	806	112
Retail nurseries, lawn and garden supply stores	3.8	695	15.5	6.9	1,789	1,584	265	36
Mobile home dealers	7.8	3,601	7.8	5.5	3,857	3,709	303	27
General merchandise group stores	44.4	64,669	48.9	38.4	93,948	93,455	12,719	2,017
Department stores ⁴	7.7	51,084	8.8	8.8	76,909	76,909	10,743	1,644
Variety stores	18.4	7,220	17.4	14.2	7,095	6,948	1,002	214
Misc. general merchandise stores	18.3	6,365	22.7	15.4	9,944	9,598	973	159
Food stores ⁵	173.1	96,375	252.0	171.6	157,940	152,745	14,730	1,959
Grocery stores	128.1	90,048	178.3	126.6	147,759	13,342	3,159	1,692
Meat and fish (seafood) markets	10.7	2,506	16.9	11.1	3,780	3,416	382	55
Fruit stores, vegetable markets	3.1	518	7.9	3.1	1,088	862	80	14
Candy, nut, confectionery stores	6.8	494	9.0	4.7	643	485	77	18
Retail bakeries	15.1	1,547	19.8	15.9	2,300	2,141	624	130
Automotive dealers ⁶	85.1	88,491	139.0	94.8	149,952	147,202	13,304	1,115
Motor vehicle dealers—new and used cars	31.6	73,254	30.8	30.8	121,883	121,883	10,279	790
Motor veh. dealers—used cars only	12.8	8,563	37.0	13.3	6,945	5,186	374	42
Auto and home supply stores	20.1	7,271	47.0	36.8	12,861	12,390	1,928	205
Gasoline service stations	183.4	31,440	176.5	146.5	56,468	53,749	3,830	673
Apparel and accessory stores ⁵	105.7	24,115	140.1	114.8	35,564	34,719	5,057	840
Men's and boys' clothing, furnishings	21.0	5,407	22.7	20.6	6,943	6,839	1,098	145
Women's clothing and specialty stores and furriers	40.6	9,173	53.6	44.4	13,458	13,164	1,886	349
Furriers and furshops	1.0	179	1.9	.9	322	285	46	5
Family clothing stores	18.8	4,815	21.6	16.0	8,055	7,884	1,049	186
Shoe stores	23.4	3,972	27.9	24.5	5,650	5,517	822	121
Furniture, home furnishings, and equipment stores	82.5	21,505	138.6	91.7	33,176	31,568	4,569	513
Furniture, home furnishings stores	47.7	13,512	82.6	53.4	20,316	19,344	2,974	324
Household appliance stores	14.6	3,627	17.6	12.2	4,784	4,520	577	65
Radio, television, and music stores	20.2	4,365	38.4	26.1	8,126	7,705	1,018	123
Eating and drinking places	287.3	35,048	368.1	308.6	63,276	61,307	15,415	3,759
Eating places	208.9	29,313	274.3	237.7	55,581	54,406	14,018	3,425
Drinking places (alcoholic beverages)	78.4	5,735	93.7	70.9	7,695	6,901	1,396	334
Drug and proprietary stores	47.6	15,420	49.6	47.2	23,196	23,057	3,127	460
Drug stores	45.0	14,901	(NA)	44.4	(NA)	22,313	3,050	444
Proprietary stores	2.6	519	(NA)	2.8	(NA)	745	77	15
Miscellaneous retail stores ³	193.9	40,202	452.0	224.2	70,753	64,038	8,737	1,235
Liquor stores	33.7	9,342	44.4	35.1	12,967	12,191	913	145
Used merchandise stores	11.9	1,180	49.8	14.5	2,850	2,141	395	61
Misc. shopping goods stores	71.2	10,992	164.6	88.1	20,882	19,004	2,726	440
Sporting goods, bicycle shops	12.4	2,284	31.5	17.1	4,655	4,172	533	77
Book stores	5.0	854	12.7	7.6	1,840	1,722	233	43
Stationery stores	5.1	713	6.4	4.8	1,119	1,057	175	27
Jewelry stores	16.0	2,904	34.1	19.7	5,429	5,010	835	105
Hobby, toy, game shops	4.3	811	18.5	6.6	1,768	1,554	180	34
Camera, photographic supply	3.3	736	5.7	3.6	1,171	1,111	134	17
Gift, novelty, souvenir	12.6	1,037	34.0	17.1	2,572	2,232	331	68
Luggage, leather goods	1.2	187	2.6	1.6	370	347	55	8
Sewing, needlework, and piece goods stores	11.4	1,466	19.1	10.1	1,958	1,798	251	60
Nonstore retail ⁴	19.7	9,705	32.8	20.8	14,440	14,076	2,374	288
Mail order houses	5.4	4,528	11.0	6.7	7,555	7,437	1,110	126
Automatic merchandising machine operators	5.4	2,829	13.5	5.7	3,945	3,700	655	73
Direct selling establishments ⁵	8.9	2,349	8.4	8.4	2,940	2,940	609	88
Fuel and ice dealers	15.3	4,601	20.2	14.7	10,171	9,762	1,027	101
Florists	16.5	1,450	29.4	20.1	2,400	2,177	465	88
Cigar stores and stands	2.6	358	3.6	2.3	460	392	42	8
News dealers and newsstands	2.7	347	7.8	2.1	533	380	42	10
Misc. retail stores, n.e.c. ⁷	20.4	2,226	99.4	26.5	6,049	3,915	754	96

NA Not available. ¹ Excludes sales tax and carrying charges or other charges for credit in 1977; includes them in 1972. ² Week including Mar. 12. ³ Excludes nonemployer direct sellers. ⁴ Includes sales from catalog order desks. ⁵ Includes kinds of business not shown separately. ⁶ Including freezer provisions.

⁷ N.e.c. means not elsewhere classified.

Source: U.S. Bureau of the Census, *Census of Retail Trade, 1972*, vol. I, Summary, SC 72-A-52, and *Census of Retail Trade, 1977*, U.S. Summary, Geographic Area Series, RC 77-A-52.

NO. 1474. FRANCHISING—SUMMARY: 1969 TO 1979

[See headnote, table 1475, for definition of franchising]

ITEM	1969	1970	1973	1974	1975	1976	1977	1978 ¹	1979 ¹	
Number of franchised establishments.....	1,000	384	396	454	441	435	443	451	467	492
Company-owned ²	1,000	69	72	79	79	81	83	86	86	89
Franchisee-owned.....	1,000	315	324	375	362	354	360	365	381	403
Sales of products and services.....	bil. dol.	116	120	169	173	191	222	253	274	299
Company-owned ²	bil. dol.	22	23	24	26	29	33	38	41	44
Franchisee-owned.....	bil. dol.	94	96	145	147	162	189	215	233	254
Average sales per establishment.....	1,000 dol.	302	302	372	393	439	500	562	587	606
Employment.....	1,000	(NA)	(NA)	3,287	3,447	3,511	3,792	4,151	(NA)	(NA)

NA Not available. ¹ Estimated by respondents.² Represents franchised establishments owned by the parent company.Source: U.S. Dept. of Commerce, Industry and Trade Administration, *Franchising in the Economy, 1977-79*.

NO. 1475. FRANCHISING—NUMBER OF ESTABLISHMENTS AND SALES, BY KINDS OF FRANCHISED BUSINESS: 1970 TO 1979

[Franchising is a form of marketing or distribution in which a parent company customarily grants an individual or a company the right, or privilege, to do business in a prescribed manner over a certain period of time in a specified place. The parent company is termed the franchisor; the receiver of the privilege the franchisee; and the right, or privilege, the franchise.]

KIND OF FRANCHISED BUSINESS	NUMBER OF ESTABLISHMENT (1,000)					SALES (mil. dol.)				
	1970	1975	1977	1978 ¹	1979 ¹	1970	1975	1977	1978 ¹	1979 ¹
All franchising, total.....	396.3	434.5	450.8	467.3	492.4	119,758	190,931	253,375	274,421	298,591
Auto and truck dealers ²	37.2	31.8	31.7	31.6	31.5	58,812	94,497	132,041	142,859	154,554
Percent.....	9.4	7.3	7.0	6.8	6.4	49.1	49.5	52.1	52.1	51.8
Fast food restaurants.....	32.6	43.0	52.0	57.9	65.6	4,602	12,262	18,180	21,247	25,440
Percent.....	8.2	9.9	11.5	12.4	13.3	3.8	6.4	7.2	7.7	8.5
Gasoline service stations ²	222.0	189.5	176.5	172.3	171.0	29,340	47,387	56,598	59,591	62,869
Percent.....	56.0	43.6	39.2	36.9	34.7	24.5	24.8	22.3	21.7	21.1
Retailing (nonfood).....	30.7	37.2	41.8	43.7	46.3	13,133	9,031	10,330	10,755	10,375
Percent.....	7.7	8.6	9.3	9.4	9.4	11.0	4.7	4.1	3.9	3.5
Auto, truck rental services ³	10.7	6.5	6.9	7.2	7.6	31,177	1,475	2,106	2,294	2,531
Automotive products and services ⁴	20.4	47.5	48.7	50.7	53.4	1,936	5,006	6,515	6,971	7,954
Business aids and services.....	10.5	22.2	32.2	38.9	40.6	723	1,397	3,389	4,173	5,178
Employment services.....	2.9	2.7	3.4	3.8	4.4	516	553	896	1,072	1,311
Tax preparation services.....	4.7	7.5	8.4	8.6	8.8	85	161	212	240	271
Accounting, credit, collection, and general.....	1.1	3.5	3.7	4.2	4.6	20	165	140	156	185
Other.....	1.7	8.3	16.6	22.2	28.8	101	518	2,141	2,704	3,411
Campgrounds.....	(NA)	1.0	1.1	1.1	1.1	(NA)	61	109	112	117
Construction, home improvement, maintenance, and cleaning.....	.7	10.8	13.1	14.1	15.4	63	639	1,091	1,229	1,404
Convenience stores.....	8.8	13.5	14.1	15.2	16.3	1,727	3,906	4,320	4,725	5,229
Educational products and services.....	4.9	1.3	1.9	2.2	2.6	86	173	233	272	315
Equipment rental services ⁵	(3)	1.4	1.4	1.6	1.6	(3)	157	192	212	235
Food retailing ⁵	(NA)	11.8	13.3	14.1	15.3	(NA)	1,445	3,231	3,589	4,023
Hotels and motels.....	3.4	5.4	5.2	5.4	5.8	3,540	4,540	5,149	5,495	6,138
Laundry, dry cleaning services.....	4.1	3.2	2.8	2.9	3.1	144	214	229	256	298
Recreation, entertainment, travel.....	2.7	3.4	4.2	4.6	5.1	77	162	240	284	335
Soft drink bottlers ⁶	2.7	2.4	2.1	2.1	2.0	4,102	8,165	9,046	10,082	11,270
Miscellaneous.....	4.8	2.7	1.9	1.8	2.1	295	414	435	275	327

NA Not available. ¹ Estimated by respondents. ² Estimated by source on basis of Bureau of the Census and trade association data. ³ Equipment rental services included with auto, truck rental services. ⁴ Includes some establishments with significant sales of nonautomotive products such as household appliances, garden supplies, etc. ⁵ Excludes convenience stores.

⁶ Includes soft drinks, fruit drinks and ades, syrups, flavoring agents and bases. Excludes independent private label and contract-filler bottling companies, which accounted for 22 percent in 1979 of the value of shipments of the total industry.

Source: U.S. Dept. of Commerce, Industry and Trade Administration, *Franchising in the Economy, 1977-79*.

No. 1476. WHOLESALE TRADE—SUMMARY: 1948 TO 1972

[Prior to 1958, excludes Alaska and Hawaii. 1972 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 43-47, and T 274-279]

ITEM	1948	1954	1958	1963	1967	1972
Firms, total	1,000	(NA)	(NA)	232	233	276
Establishments, total	1,000	216	250	308	311	370
With sales of \$1,000,000 or more	1,000	21	(NA)	62	75	103
Sales, all establishments	bil. dol.	180.6	234.0	285.7	358.4	459.5
Merchant wholesalers	bil. dol.	76.5	100.1	122.1	157.4	206.1
Inventories, end of year	bil. dol.	10.0	13.0	15.0	20.1	28.1
Payroll, entire year	bil. dol.	7.7	10.9	13.2	18.1	23.9
Paid employees, March 12 workweek ¹	1,000	2,305	2,555	2,808	3,089	3,519
Active proprietors of unincorporated businesses	1,000	131	150	158	133	122
						(NA)

NA Not available. ¹ 1948-1963 data for week including November 15.

Source: U.S. Bureau of the Census, *U.S. Census of Business: 1948*, vol. IV; 1954, vol. III; 1958, vol. III; 1963, vol. IV; 1967, vol. III; and *Census of Wholesale Trade, 1972*, WC 72-S-1.

No. 1477. WHOLESALE TRADE, BY KINDS OF BUSINESS: 1967 AND 1972

[Data for 1972 based on 1967 Standard Industrial Classification (SIC) for comparability. "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series T 274-287 and T 352-369]

KIND OF BUSINESS	1967				1972			
	Establishments (1,000)	Sales (mil. dol.)	Pay-roll ¹ (mil. dol.)	Paid employees ² (1,000)	Establishments (1,000)	Sales (mil. dol.)	Pay-roll ¹ (mil. dol.)	Paid employees ² (1,000)
Wholesale trade, total ³	311.5	459,476	23,922	3,519	348.2	683,659	35,887	3,878
Motor vehicles, automotive equipment	31.2	46,122	2,127	341	36.5	83,016	3,415	392
Drugs, chemicals, allied products	11.5	27,795	1,353	182	13.2	39,288	1,881	187
Piece goods, notions, apparel	11.4	21,280	977	132	12.4	27,933	1,389	134
Groceries and related products	40.1	74,458	3,327	535	39.1	109,781	4,885	585
Farm products—raw materials	15.0	38,148	539	107	14.8	52,401	709	118
Electrical goods	16.7	32,115	1,694	227	20.6	49,101	2,574	253
Hardware, plumbing, heating equip.	13.5	12,055	1,123	163	16.2	18,310	1,667	175
Machinery, equipment, supplies	52.4	50,432	4,920	650	64.2	75,128	7,482	725
Metal and minerals, n.e.c.	7.9	33,704	1,005	128	8.0	43,488	1,358	127
Petroleum, petroleum products	34.5	33,373	1,157	187	31.8	46,284	1,547	194
Scrap, waste materials	7.9	4,626	411	79	7.5	6,035	544	75
Tobacco, tobacco products	2.6	6,048	207	37	2.4	7,741	288	38
Brew, wine, distilled alcoholic beverages	7.3	14,164	757	101	7.0	19,885	1,185	111
Paper, paper prod., excl. wallpaper	9.6	12,783	900	129	10.7	17,280	1,291	130
Furniture, home furnishings	8.0	7,723	593	84	9.5	12,359	926	97
Lumber, construction materials	13.6	16,390	1,045	153	15.8	27,943	1,709	179

¹ Entire year. ² Week including Mar. 12. ³ Includes miscellaneous products not shown separately.

Source: U.S. Bureau of the Census, *Census of Business: 1967*, vol. III, and *Census of Wholesale Trade, 1972*, U.S. Summary, WC 72-A-52.

No. 1478. WHOLESALE TRADE—MERCHANT WHOLESALERS SALES, STOCKS, AND STOCK-SALES RATIO: 1960 TO 1979

[In billions of dollars, except ratios. Data reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III. See *Historical Statistics, Colonial Times to 1970*, series T 375-383, for sales]

ITEM	1960 ¹	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979 ² ³
All establishments: Sales ⁴	139.9	187.8	287.3	355.0	441.9	550.0	535.6	580.9	642.1	754.1	422.2
Stocks, end of year ²	14.1	18.3	32.8	39.8	46.3	56.5	55.1	61.3	68.0	80.8	85.9
Stock-sales ratios ⁵	1.22	1.15	1.29	1.27	1.17	1.12	1.24	1.21	1.21	1.19	1.17
Durable goods: Sales ⁴	58.6	82.9	127.2	161.1	195.9	237.0	220.1	246.7	285.6	349.9	198.9
Stocks, end of year ²	8.1	10.6	19.7	24.3	27.0	34.1	34.6	38.2	44.4	52.5	55.3
Stock-sales ratios ⁵	1.69	1.49	1.77	1.72	1.56	1.53	1.88	1.78	1.78	1.67	1.65
Nondurable goods: Sales ⁴	81.3	104.5	160.1	193.9	246.0	313.0	315.5	334.2	355.6	404.2	226.3
Stocks, end of year ²	6.0	7.7	13.1	15.5	19.3	22.5	20.5	23.1	23.6	28.3	30.7
Stock-sales ratios ⁵	.89	.87	.91	.90	.86	.82	.80	.79	.80	.78	.77

¹ Excludes Alaska and Hawaii. ² Seasonally adjusted. ³ January to June. ⁴ Annual totals.

⁵ Ratio of average stocks to average monthly sales. Average stocks based on weighted averages of end-of-month figures.

Source: U.S. Bureau of Economic Analysis and U.S. Bureau of the Census. In *Survey of Current Business*, monthly, and *Current Business Reports*, series BW, *Monthly Wholesale Trade*.

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NO. 1479. WHOLESALE TRADE—SUMMARY, BY STATES: 1963 TO 1972

[Data for 1972 based on 1967 Standard Industrial Classification for comparability with prior years shown]

STATE	1963		1967		1972				Merchant wholesalers	
	Establishments	Sales (bil. dol.)	Establishments	Sales (bil. dol.)	Establishments	Sales (bil. dol.)	Payroll, entire year (mil. dol.)	Paid employees (1,000)	Establishments	Sales (bil. dol.)
U.S.	308,177	358.4	311,464	459.5	348,168	683.7	35,887	3,878.2	249,390	321.6
N.E.	16,685	16.8	16,830	21.6	17,998	33.6	2,024	214.6	13,993	16.5
Maine	1,495	1.0	1,440	1.2	1,521	1.8	120	15.8	1,184	1.1
N.H.	794	.5	822	.7	1,025	1.1	88	9.7	822	.8
Vt.	482	.3	513	.4	635	.6	47	5.7	485	.4
Mass.	8,730	10.4	8,715	13.2	9,059	19.2	1,110	114.8	6,955	9.0
R.I.	1,436	1.2	1,465	1.5	1,454	2.1	141	15.8	1,198	1.2
Conn.	3,748	3.5	3,875	4.7	4,304	8.8	524	52.8	3,369	4.0
M.A.	66,576	97.0	65,673	119.4	67,292	163.2	8,104	791.8	52,997	81.6
N.Y.	40,180	66.2	39,205	78.0	38,977	99.6	4,619	430.4	31,154	51.9
N.J.	9,626	12.8	10,098	17.9	11,509	31.7	1,660	161.6	9,005	15.1
Pa.	16,790	18.0	16,370	23.5	16,806	31.9	1,835	199.8	12,888	14.6
E.N.C.	58,621	73.4	58,410	97.7	63,380	135.0	7,204	731.8	43,470	57.0
Ohio	14,299	18.2	14,497	23.7	15,853	33.3	1,822	189.4	11,087	13.6
Ind.	7,257	6.5	7,162	8.3	8,033	13.0	764	87.8	5,394	5.7
Ill.	18,801	29.3	18,689	39.5	20,085	52.1	2,623	251.7	13,563	21.3
Mich.	11,655	14.0	11,436	18.8	12,208	26.2	1,869	133.4	8,453	11.1
Wis.	6,740	5.5	6,626	7.3	7,201	10.4	626	69.5	4,973	5.3
W.N.C.	33,236	34.4	32,626	43.1	36,281	62.0	2,910	338.8	21,589	26.5
Minn.	6,953	8.4	6,901	10.6	7,861	14.7	755	81.3	4,868	6.6
Iowa	6,025	4.7	5,923	6.0	6,753	9.2	433	53.5	3,834	3.9
Mo.	8,642	12.3	8,600	15.0	9,293	20.3	965	104.9	6,127	8.8
N. Dak.	2,035	1.2	1,995	1.5	2,140	2.1	94	13.0	929	.8
S. Dak.	1,740	1.0	1,688	1.3	1,835	1.8	79	11.7	887	.6
Nebr.	3,199	3.4	3,158	4.4	3,610	6.0	254	33.0	2,183	2.5
Kans.	4,642	3.4	4,461	4.4	4,789	7.9	329	41.4	2,761	3.3
S.A.	36,531	38.0	38,617	51.7	47,075	86.2	4,675	551.0	34,273	37.3
Del.	565	1.1	588	1.4	684	2.5	130	10.9	516	.6
Md.	3,658	4.5	3,943	6.0	4,511	10.0	568	61.1	3,344	4.2
D.C.	1,184	2.1	1,988	2.4	734	1.7	135	13.1	550	1.0
Va.	4,317	4.4	4,577	6.2	5,338	10.1	567	67.7	3,785	4.3
W. Va.	2,028	1.4	2,001	1.7	2,125	2.4	177	22.6	1,665	1.5
N.C.	6,615	7.0	7,011	9.5	8,269	15.6	775	94.5	5,719	6.5
S.C.	2,738	2.0	2,918	2.7	3,594	4.6	273	35.6	2,643	2.7
Ga.	6,530	8.1	6,941	11.5	8,814	19.5	921	103.2	6,050	8.6
Fla.	8,896	7.5	9,650	10.3	13,006	19.7	1,128	142.3	10,001	9.9
E.S.C.	15,211	15.1	15,972	19.4	19,039	32.5	1,632	205.2	13,821	16.8
Ky.	3,632	3.2	3,715	4.0	4,241	6.8	354	44.5	3,088	3.4
Tenn.	5,100	6.7	5,381	8.6	6,552	14.6	663	78.4	4,764	7.3
Ala.	3,935	3.4	4,253	4.4	5,115	7.4	410	53.6	3,708	3.9
Miss.	2,544	1.8	2,623	2.3	3,131	3.7	208	28.7	2,261	2.2
W.S.C.	29,888	27.9	31,213	36.7	37,181	61.2	3,117	387.4	26,073	30.7
Ark.	2,566	1.5	2,659	2.0	3,230	3.2	186	26.7	2,240	1.9
La.	4,852	4.6	5,243	6.6	6,106	9.6	526	65.7	4,427	5.2
Okla.	4,175	3.5	4,175	4.3	4,880	6.7	339	43.0	3,326	3.1
Tex.	18,295	18.3	19,136	23.9	22,965	41.5	2,066	252.0	16,080	20.5
Mt.	13,238	9.9	13,265	11.8	16,048	21.3	1,228	149.8	10,915	10.9
Mont.	1,590	.8	1,509	1.1	1,645	1.5	85	11.5	962	.8
Idaho	1,473	.8	1,467	.9	1,736	1.6	93	15.1	1,048	.9
Wyo.	672	.2	626	.3	742	.7	30	4.2	470	.5
Colo.	3,720	3.6	3,713	4.4	4,508	7.9	425	47.7	3,050	3.4
N. Mex.	1,406	.8	1,425	.9	1,664	1.5	98	12.8	1,166	.8
Ariz.	2,199	1.8	2,281	2.1	2,967	4.3	262	30.8	2,184	2.3
Utah	1,628	1.5	1,635	1.7	1,992	2.9	170	20.6	1,422	1.5
Nev.	550	.4	609	.5	794	.9	66	7.1	623	.7
Pac.	38,191	45.9	38,858	58.1	43,876	88.9	4,990	507.8	32,265	44.2
Wash.	5,593	5.2	5,512	6.7	6,211	9.8	587	62.8	4,286	4.8
Oreg.	3,768	4.4	3,855	5.9	4,377	9.2	451	46.8	3,117	5.4
Calif.	27,565	35.4	28,096	44.2	31,476	67.8	3,787	380.4	23,515	32.6
Alaska	291	.2	365	.3	500	.6	44	3.4	339	.4
Hawaii	974	.7	1,030	1.0	1,312	1.5	121	14.4	1,008	1.0

¹ Week including March 12.

Source: U.S. Bureau of the Census, *Census of Business: 1967*, vol. IV, and *Census of Wholesale Trade, 1972*, U.S. Summary, WC 72-A-52.

NO. 1480. MERCHANT WHOLESALERS—ESTIMATED SALES, BY KINDS OF BUSINESS: 1967 TO 1979

[In billions of dollars. Data reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III. See *Historical Statistics, Colonial Times to 1970*, series T 280-371, for related data]

KIND OF BUSINESS	1967	1970	1974	1975	1976	1977	1978	1979, Jan.- June ¹
Merchant wholesalers	233.4	287.3	550.0	535.6	580.9	642.1	754.1	422.2
Durable goods, total ²	99.7	127.2	237.0	220.1	246.7	285.6	349.9	195.9
Motor vehicles and automotive equip.	14.1	21.4	38.3	39.0	44.9	54.0	68.3	37.6
Furniture and homefurnishings	4.3	5.5	8.3	8.1	9.6	11.0	13.0	6.9
Lumber and construction materials	9.2	11.6	18.8	16.6	20.9	26.2	32.2	18.0
Electrical goods	12.4	15.0	25.4	23.5	27.9	31.7	38.3	21.0
Hardware, plumbing, and heating equip.	8.7	10.5	18.1	16.8	19.2	22.4	25.9	14.1
Machinery, equipment, and supplies	28.7	33.8	63.0	65.9	71.4	82.0	97.9	54.3
Nondurable goods, total ²	133.6	160.1	313.0	315.5	334.2	356.5	404.2	226.3
Paper and paper products	6.4	7.4	12.3	11.5	13.4	15.5	17.6	9.7
Drugs, proprietaries, and sundries	4.7	5.6	8.6	9.3	10.1	10.9	11.5	6.2
Apparel, piece goods, and notions	8.9	10.2	15.3	15.7	17.6	19.6	25.1	13.1
Groceries and related products	42.5	54.4	88.8	95.0	99.8	110.8	125.1	68.5
Farm-product raw materials	24.0	24.8	79.2	74.2	72.7	70.1	83.2	44.2
Beer, wine, and distilled beverages	10.4	13.1	18.1	20.1	21.6	23.4	27.0	15.1
Miscellaneous nondurable goods	22.4	25.9	47.3	44.2	45.5	48.8	52.1	30.2

¹ Seasonally adjusted. ² Includes kinds of business now shown separately.

NO. 1481. MERCHANT WHOLESALERS—INVENTORIES AND STOCK-SALES RATIOS, BY KINDS OF BUSINESS: 1967 TO 1979

[Data reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III]

KIND OF BUSINESS	INVENTORIES ¹ (bil. dol.)						STOCK-SALES RATIOS ² (percent)					
	1967	1970	1975	1977	1978	1979, June	1967	1970	1975	1977	1978	1979, June
Merchant wholesalers	25.3	32.8	55.1	68.0	80.8	85.9	125	133	121	119	119	117
Durable goods, total ⁴	15.2	19.7	34.6	44.4	52.5	55.3	171	184	181	168	164	165
Motor vehicles, automotive equip.	2.1	2.9	6.1	7.4	9.2	9.5	164	153	167	142	152	153
Furniture and home furnishings	.5	.7	1.1	1.5	1.8	1.8	133	148	152	142	153	164
Lumber, construction materials	.9	1.2	1.9	2.7	3.2	3.4	110	124	122	110	105	109
Electrical goods	1.7	2.3	3.5	4.7	5.6	5.9	153	184	163	161	168	163
Hardware, plumbing, heating equip.	1.4	1.8	2.0	3.7	4.2	4.5	184	197	196	183	181	191
Machinery, equipment, and supplies	5.6	6.8	12.0	15.7	18.2	19.3	229	243	215	212	199	204
Nondurable goods, total ⁴	10.1	13.1	20.5	23.6	28.3	30.7	89	94	78	77	79	77
Paper and paper products	.6	.7	1.1	1.5	1.5	1.5	109	111	104	88	92	94
Drugs, proprietaries, and sundries	.6	.7	1.1	1.3	1.5	1.6	144	136	135	141	147	151
Groceries and related products	2.0	2.4	4.3	5.5	6.4	6.7	53	54	54	55	56	59
Beer, wine, and distilled beverages	1.0	1.2	1.8	1.9	2.4	2.7	106	105	108	93	101	107

¹ As of end of year, except 1970. Adjusted for seasonal variations. ² Preliminary estimate. ³ Based on December adjusted sales and inventory estimates, except as indicated. ⁴ Includes kinds of business not shown separately.

Source of tables 1480 and 1481: U.S. Bureau of the Census, *Current Business Reports*, series BW, *Monthly Wholesale Trade*.

NO. 1482. MERCHANT WHOLESALERS—ESTABLISHMENTS, SALES, AND PAYROLL, BY SALES SIZE OF ESTABLISHMENTS: 1972

SALES SIZE	Establishments (1,000)	Total sales (mil. dol.)	Percent sales	Payroll (mil. dol.)	SALES SIZE	Establishments (1,000)	Total sales (mil. dol.)	Percent sales	Payroll (mil. dol.)
All establishments	290.0	353,919	100.0	25,916	With annual sales of—Con.				
Operated all year	277.2	337,588	95.4	24,728	\$1,000,000-\$1,999,999	34.5	48,051	13.6	4,560
With annual sales of—					\$2,000,000-\$4,999,999	23.3	67,626	19.1	5,474
Less than \$100,000	48.6	2,486	.7	371	\$5,000,000-\$9,999,999	6.4	43,713	12.4	2,912
\$100,000-\$199,999	41.8	6,107	1.7	809	\$10,000,000-\$19,999,999	2.5	33,886	9.6	1,826
\$200,000-\$299,999	30.5	7,487	2.1	947	\$20,000,000 and over	1.5	78,489	22.2	2,229
\$300,000-\$499,999	39.7	15,463	4.4	1,852					
\$500,000-\$999,999	48.4	34,281	9.7	3,747	Not operated all year	13.8	16,331	4.6	1,189

Source: U.S. Bureau of the Census, *Census of Wholesale Trade, 1972*, Size Report, WC 72-S-1.

NO. 1483. SELECTED SERVICES—SUMMARY: 1948 TO 1972

[Prior to 1958, excludes Alaska and Hawaii. 1972 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 43-47 and T 391-401.]

ITEM		1948	1954	1958	1963	1967	1972
Firms, total	1,000	(NA)	(NA)	(NA)	1,017	1,136	1,1,525
Single unit establishments	1,000	(NA)	751	928	1,001	1,130	1,1,505
Multilunit establishments ²	1,000	(NA)	35	51	61	58	1,85
Establishments, total	1,000	665	788	979	1,062	1,188	1,1,590
With payroll	1,000	370	375	444	504	521	684
Receipts, total	bil. dol.	13.3	23.5	32.5	44.6	60.5	111,30
For establishments with payroll	bil. dol.	12.2	21.3	29.1	41.0	55.5	103.2
Average receipts per establishment	\$1,000	32.9	50.7	65.5	81.3	106.5	151.0
For establishments without payroll	bil. dol.	1.1	2.2	3.4	3.6	5.0	9.7
Average receipts per establishment	\$1,000	3.8	5.5	6.3	6.4	7.5	10.7
By multilunit establishments ²	bil. dol.	(NA)	5.7	9.2	13.9	22.0	37.8
Percent of total receipts		(NA)	24.3	28.3	31.1	36.4	33.5
Payroll entire year	bil. dol.	4.2	6.5	9.0	12.2	17.5	133.4
Paid employees, March 12 workweek ³	1,000	2,100	2,302	2,904	3,262	3,841	1,6,305
Active proprietors of unincorporated businesses	1,000	667	781	996	1,017	1,082	(NA)

NA Not available. ¹ Includes architectural, engineering, land surveying, legal services, and dental laboratories. ² Establishments operated by firms which operate at two or more locations. ³ 1948-1963 data for week including November 15.

Source: U.S. Bureau of the Census, *U.S. Census of Business: 1948*, vol. VI; *1964*, vol. V; *1958*, vol. V; *1963*, vol. VI; *1967*, vol. V, Part 1; and *Census of Selected Service Industries, 1972*, SC 72-S-1 and SC 72-S-7.

NO. 1484. SELECTED SERVICES—RECEIPTS, BY KINDS OF BUSINESS: 1972 TO 1979

[In millions of dollars. Data reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III. Jan.-June data adjusted for seasonal variation and trading day differences]

KIND OF BUSINESS	1972	1973	1974	1975	1976	1977	1978	1979, Jan.- June, prel.
Selected services, total	93,439	103,272	114,395	123,000	141,088	159,191	181,366	101,160
Hotels, motels, tourist courts, camps, and trailering parks	10,574	11,593	12,396	13,689	15,818	17,188	20,164	11,842
Hotels, motels, and tourist courts	10,027	10,955	11,757	13,002	15,129	16,413	19,443	11,181
Personal services ¹	13,908	14,527	14,843	15,661	16,788	18,374	20,255	10,811
Laundry, cleaning, and garment services	5,719	5,682	5,791	6,004	6,231	6,771	7,503	3,953
Beauty shops	3,007	3,143	3,313	3,376	3,529	4,176	4,734	2,513
Barber shops	885	925	885	947	988	1,104	1,113	566
Business services	37,754	42,110	47,494	50,551	59,295	67,691	78,184	44,171
Advertising	10,584	11,437	12,422	12,771	15,584	17,238	19,941	11,074
Automotive repair, services, and garages	12,040	13,721	15,142	16,582	18,816	21,415	24,942	14,165
Automotive repair shops	7,024	7,963	9,310	10,565	12,071	13,386	15,236	8,599
Miscellaneous repair services	5,785	7,201	8,097	8,908	10,301	12,708	14,623	7,516
Amusement and recreation services, incl. motion pictures	13,378	14,120	16,423	17,609	20,080	21,815	23,198	12,655

¹ Includes services not shown separately.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BS, *Monthly Selected Services Receipts*.

NO. 1485. SELECTED SERVICE ESTABLISHMENTS—CAPITAL EXPENDITURES, GROSS VALUE OF FIXED ASSETS, AND LEASE AND RENTAL PAYMENTS: 1968 AND 1972

[In billions of dollars]

LEGAL FORM OF ORGANIZATION	CAPITAL EXPENDITURES				FIXED ASSETS, GROSS VALUE, 1972		LEASE AND RENTAL PAYMENTS	
	Total ¹		New facilities ²					
	1968	1972	1968	1972	Jan. 1	Dec. 31	1968	1972
All	4.9	7.8	4.5	7.0	49.6	53.6	2.1	3.7
Corporations only	3.7	5.8	3.5	5.4	36.1	38.8	1.5	2.8

¹ Expenditures for improvements and for new and used structures, machinery, and equipment.

² Expenditures for improvements and new structures, machinery, and equipment.

Source: U.S. Bureau of the Census, *Census of Selected Service Industries, 1972*, SC 72-S-8.

No. 1486. SELECTED SERVICES, BY KIND OF BUSINESS: 1967 AND 1972

[Data for 1972 based on 1967 Standard Industrial Classification for comparability with 1967. See also *Historical Statistics, Colonial Times to 1970*, series T 391-443]

KIND OF BUSINESS	ESTABLISHMENTS WITH PAYROLL, 1967		ALL ESTABLISHMENTS, 1972		ESTABLISHMENTS WITH PAYROLL, 1972			
	Receipts (mil. dol.)	Paid employees ¹ (1,000)	Number (1,000)	Receipts (mil. dol.)	Number (1,000)	Receipts (mil. dol.)	Payroll entire year (mil. dol.)	Paid employees ¹ (1,000)
	55,527	3,841.2	1,370.6	92,815	569.9	84,754	27,002	4,671.3
Selected services.								
Hotels, motels, tourist courts, camps	6,738	616.8	79.7	10,638	46.5	10,197	2,971	726.6
Hotels	3,766	378.0	14.0	4,794	10.8	4,745	1,602	347.0
Motels, tourist courts	1,557	128.8	(NA)	(NA)	27.7	3,854	933	273.1
Motor hotels	1,017	93.8	(NA)	(NA)	2.3	1,234	343	91.0
Trailer parks	194	8.8	13.8	284	2.5	139	26	5.0
Sporting, recreational camps	204	7.5	7.2	266	3.2	225	67	10.5
Personal services	10,003	1,029.8	506.4	14,361	199.7	11,994	4,428	(NA)
Laundry, cleaning, other garment services	5,002	572.5	94.1	5,562	58.7	5,103	2,017	(NA)
Beauty shops	1,947	255.0	189.1	3,025	79.6	2,418	1,165	279.3
Barber shops	603	67.2	91.8	885	19.8	394	179	38.2
Photographic studios	597	35.8	33.0	1,079	8.5	845	239	(NA)
Shoe repair, shoeshine, etc.	134	11.5	12.9	210	4.0	126	38	8.6
Funeral service, crematories	2,395	63.1	20.9	2,218	15.4	² 2,071	494	70.2
Misc. personal services	325	24.6	64.6	1,382	13.7	1,038	327	(NA)
Misc. business services	21,427	1,212.4	320.7	36,355	120.5	34,058	11,578	(NA)
Advertising	8,201	109.1	28.4	10,605	10.0	10,342	1,288	111.5
Services to dwellings and other buildings	1,290	223.2	51.3	2,529	21.3	2,307	1,312	333.5
Business and consulting serv.	2,852	163.0	92.3	7,470	25.2	6,724	2,837	(NA)
Other misc. business services ³	9,084	717.1	148.7	15,751	64.0	14,635	6,141	(NA)
Credit bureaus, collection agencies	677	61.0	(NA)	(NA)	6.2	803	385	63.1
Duplicating, mailing, steno. serv.	772	64.4	(NA)	(NA)	5.5	969	357	57.1
Commercial research development laboratories	1,068	57.0	(NA)	(NA)	1.6	980	485	(NA)
Detective agencies and protective services	522	101.8	(NA)	(NA)	3.5	912	669	176.3
Equip. rental, leasing services	1,320	41.1	(NA)	(NA)	9.6	2,596	610	(NA)
Photofinishing laboratories	686	31.6	(NA)	(NA)	2.0	1,165	301	44.4
Auto rpr., auto serv., garages	4,636	316.2	169.0	12,081	90.5	10,929	2,553	392.5
Auto repair shops	3,505	187.9	127.2	7,045	65.5	6,134	1,699	237.9
General auto repair	1,531	82.1	71.9	3,176	30.7	2,560	653	98.2
Top and body repair	717	41.3	31.8	1,776	18.3	1,578	486	65.7
Other auto repair	1,257	64.5	23.5	2,093	16.6	1,988	560	74.0
Auto parking	473	33.5	10.5	725	9.4	711	175	37.3
Car, truck rental, leasing, n.e.c. ⁴	2,421	95.0	31.3	4,311	15.6	4,083	679	117.3
Misc. repair services	3,089	179.1	149.0	5,941	46.8	4,922	1,628	(NA)
Electrical repair shops	1,050	59.3	53.5	2,228	16.7	1,815	615	(NA)
Reupholstery, furniture repair	257	18.4	24.5	491	6.8	334	106	19.1
Other repair shops, related serv.	1,782	101.4	71.1	3,222	23.3	2,772	906	113.3
Motion pictures	3,452	176.7	21.5	4,804	16.6	4,723	1,193	(NA)
Motion picture prod., distr., serv.	2,169	64.6	8.8	2,971	4.9	2,907	812	(NA)
Motion picture theaters	1,283	112.1	12.7	1,833	11.7	1,816	381	127.4
Amusement, recreation services, except motion pictures	4,448	310.2	124.3	8,635	49.3	7,931	2,651	(NA)
Producers, orchestras, entertainers	759	59.1	47.7	1,436	7.6	1,111	474	58.3
Bowling alleys, billiards, pool	973	95.5	14.3	1,204	9.0	1,142	324	94.9
Other amusement, recreation serv.	2,716	155.5	62.3	5,995	32.6	5,679	1,853	(NA)
Commercial sports	927	39.3	(NA)	(NA)	2.7	1,520	433	48.3

NA Not available. ¹ Week including Mar. 12.

² About 7 percent in 1967 and 12 percent in 1972 represent repayment of cash advances which are not part of cost of complete funeral service. ³ Includes other services not shown separately.

⁴ Data corrected only at level significantly affected; hence, detail will not add to total.

⁵ N.e.c. = Not elsewhere classified.

Source: U.S. Bureau of the Census, *Census of Business: 1967*, vol. V, and *Census of Selected Service Industries, 1972, U.S. Summary*, SC 72-A-52.

NO. 1487. SELECTED SERVICE INDUSTRIES—SUMMARY, BY STATES: 1972

[Data based on 1967 Standard Industrial Classification. Discrepancies in figures identified after tabulation process was completed have been corrected only at level significantly affected; hence, detail may not add to total]

STATE	ALL ESTABLISHMENTS		ESTABLISHMENTS WITH PAYROLL				HOTELS, MOTELS, TOURIST COURTS, CAMPS		PERSONAL SERVICES		AUTO REPAIR, AUTO SERVICES, GARAGES	
	Number (1,000)	Receipts (mil. dol.)	Number (1,000)	Receipts (mil. dol.)	Payroll, entire year (mil. dol.)	Paid employees ¹ (1,000)	Establishments	Receipts (mil. dol.)	Establishments	Receipts (mil. dol.)	Establishments	Receipts (mil. dol.)
U.S.	1,370.6	92,815	569.9	84,754	27,002	4,671.3	79,685	10,638	506,444	14,361	168,959	12,081
N.E.	78.3	4,735	33.1	4,258	1,434	252.4	5,069	542	27,112	801	8,480	678
Maine....	7.2	262	3.0	229	64	13.4	1,325	72	2,352	49	958	49
N.H.	6.0	237	2.4	253	73	15.6	1,038	70	1,881	45	667	44
Vt.	3.6	166	1.5	147	46	11.2	760	59	1,029	20	438	18
Mass.	37.4	2,564	15.3	2,327	805	133.2	1,308	237	13,183	402	3,892	350
R.I.	5.5	293	2.5	260	86	16.8	172	23	2,306	67	701	44
Conn.	18.5	1,163	8.3	1,043	355	62.2	466	81	6,381	218	1,824	174
M.A.	235.7	22,490	98.3	20,913	6,213	916.5	9,230	1,638	90,148	2,758	26,590	2,298
N.Y.	120.8	15,090	53.2	14,313	3,971	584.3	4,628	903	43,001	1,491	11,015	1,150
N.J.	40.9	3,242	18.7	2,981	1,077	167.8	1,844	278	14,806	505	4,663	448
Pa.	74.0	4,158	26.4	3,619	1,165	214.4	2,758	457	32,341	763	10,912	700
E.N.C.	244.1	16,104	98.3	14,712	4,532	795.9	11,826	1,333	97,542	2,893	28,840	2,134
Ohio....	63.7	3,803	26.1	3,466	1,137	209.5	2,210	291	25,510	754	8,382	567
Ind.	81.3	1,416	12.3	1,255	399	80.8	1,325	145	13,730	352	4,127	248
Ill.	73.8	6,071	28.0	5,608	1,690	267.4	2,057	447	31,119	910	7,455	659
Mich.	48.7	3,504	20.8	3,223	939	162.2	3,376	278	18,416	610	5,745	474
Wis.	26.5	1,310	11.1	1,160	366	76.0	2,858	172	8,765	268	3,131	186
W.N.C.	120.0	5,630	46.6	4,961	1,514	310.9	8,344	687	46,556	1,076	16,769	907
Minn.	25.9	1,422	9.7	1,266	388	77.3	2,511	189	8,780	245	3,263	186
Iowa....	21.4	775	8.1	660	190	43.7	1,134	87	8,922	173	3,146	149
Mo.	33.9	2,037	13.6	1,847	591	110.9	1,961	221	13,867	354	4,714	314
N. Dak.	4.1	134	1.7	112	32	7.9	419	27	1,446	31	546	25
S. Dak.	5.2	162	2.1	135	34	8.4	685	34	1,781	33	728	33
Nebr.	11.9	492	4.7	427	124	28.0	728	61	4,438	94	1,769	85
Kans.	17.6	610	6.7	515	156	34.7	906	68	7,322	145	2,003	115
S.A.	200.3	13,019	89.4	11,908	3,982	765.7	15,363	2,174	73,426	2,222	25,048	1,857
Del.	3.5	228	1.5	203	66	12.6	176	19	1,316	39	442	36
Md.	23.1	1,745	9.1	1,590	618	99.5	635	122	8,382	282	2,269	227
D.C.	6.2	827	3.0	791	304	44.7	113	123	2,181	98	525	77
Va.	23.5	1,582	11.4	1,474	516	98.2	1,404	249	9,143	303	2,955	225
W. Va.	8.6	401	4.0	364	117	23.4	576	58	3,784	95	1,199	49
N.C.	31.0	1,474	14.4	1,327	415	86.9	2,084	181	13,366	376	4,832	266
S.C.	15.3	666	6.6	588	175	39.9	1,251	121	6,446	149	2,163	116
Ga.	28.7	1,779	12.6	1,627	505	101.9	1,595	257	11,334	310	4,355	321
Fla.	60.4	4,316	26.7	3,945	1,265	258.6	7,439	1,042	17,474	570	6,308	541
E.S.C.	71.0	3,539	30.8	3,186	1,015	203.1	3,823	446	30,517	762	10,559	583
Ky.	17.3	793	7.0	700	215	46.2	929	112	7,459	202	2,582	121
Tenn.	23.8	1,430	10.9	1,318	435	79.2	1,345	168	10,025	268	3,392	219
Ala.	18.2	878	8.2	790	252	50.8	956	94	7,810	181	2,769	160
Miss.	11.7	438	4.8	378	112	26.9	593	71	5,223	111	1,816	83
W.S.C.	141.9	7,120	56.7	6,363	2,034	409.9	6,993	819	56,993	1,309	20,342	1,099
Ark.	13.5	498	5.2	429	125	28.3	1,028	77	5,879	113	2,103	96
La.	21.3	1,179	8.6	1,068	354	69.7	910	157	9,258	189	2,752	152
Okla.	21.7	795	7.5	672	206	43.9	1,047	86	9,351	169	3,141	152
Tex.	85.4	4,648	35.4	4,194	1,350	268.0	4,008	499	32,505	837	12,346	699
Mt.	71.1	4,957	30.6	4,561	1,491	268.5	8,369	1,387	21,035	571	8,721	568
Mont.	6.0	194	2.4	162	49	11.5	1,013	51	1,790	36	798	31
Idaho....	6.1	226	2.3	191	59	13.3	760	49	1,943	39	790	37
Wyo.	3.5	143	1.5	124	33	7.6	767	68	898	18	404	18
Colo.	20.6	1,121	8.5	1,003	324	65.9	1,999	188	6,107	168	2,491	172
N. Mex.	7.3	573	3.4	540	206	30.3	953	76	2,388	56	943	51
Ariz.	14.2	898	6.5	814	251	53.7	1,480	166	3,878	132	1,760	141
Utah....	7.8	394	3.2	355	104	22.8	571	54	2,683	61	1,002	69
Nev.	5.7	1,406	2.8	1,372	464	63.4	826	738	1,348	61	533	48
Pac.	208.2	15,220	86.2	13,891	4,786	748.4	10,668	1,612	63,115	1,968	23,610	1,957
Wash.	24.6	1,160	10.1	1,027	344	64.2	1,650	144	7,983	209	3,171	192
Oreg.	16.5	808	6.8	710	223	44.8	1,583	126	5,006	142	2,149	142
Calif.	159.2	12,539	65.8	11,488	4,001	598.6	7,023	1,065	47,819	1,543	17,416	1,531
Alaska.	2.4	130	.9	112	37	6.4	238	36	614	20	241	14
Hawaii....	5.6	583	2.6	554	180	36.4	224	242	1,693	55	633	78

¹ Week including Mar. 12.

Source: U.S. Bureau of the Census, *Census of Selected Service Industries, 1972, U.S. Summary*, SC 72-A-52.

NO. 1488. HOTEL AND MOTOR HOTEL OPERATIONS—OCCUPANCY RATIO, SALES INDEXES, AND ROOM RATE INDEX: 1960 TO 1978

[Excludes Alaska and Hawaii. Based on reports from approximately 500 lodging establishments]

ITEM	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978
Occupancy ratio—percent—	65	62	55	54	62	66	65	62	66	68	70
Sales indexes (1967=100):											
Total sales.....	94	94	107	107	113	121	128	132	147	163	188
Room sales.....	90	91	112	113	121	129	137	145	164	185	218
Restaurant sales.....	97	97	100	100	106	112	118	119	129	139	156
Room rate index (1967=100).....	86	91	125	128	132	139	150	165	178	194	220

Source: Laventhal & Horwath, Philadelphia, Pa., *Trend of Business in the Lodging Industry*, monthly. (Copyright, 1979, by Laventhal & Horwath.)

NO. 1489. HOTELS, MOTELS, AND MOTOR HOTELS—SUMMARY: 1958 TO 1972

[1958 excludes Alaska and Hawaii. Covers commercial establishments primarily engaged in providing lodging, or lodging and meals, to the general public. Includes establishments with payroll only]

ITEM	HOTELS				MOTELS				MOTOR HOTELS		
	1958 ¹	1963 ¹	1967 ¹	1972	1958 ²	1963 ²	1967	1972	1963 ²	1967	1972
Number.....	16,741	15,372	13,947	10,750	21,310	23,159	22,697	27,739	2,642	3,516	2,348
Guest rooms.....	1,000 ³	1,097	3,887	755	(NA)	(NA)	(NA)	1,034	(NA)	(NA)	206
Receipts.....	2,482	2,710	3,392	4,745	702	1,063	1,557	3,854	484	1,017	1,234
Payroll.....	888	961	1,165	1,602	140	209	346	933	129	277	343
Paid employees 4,1,000.....	381	350	353	347	76	96	129	273	54	94	91
Establishments with:											
Less than 25 rooms.....	5,600	5,138	4,372	3,368	19,362	15,529	15,200	15,000	904	1,052	519
25-49 rooms.....	4,903	4,602	4,950	3,817		4,314	4,791	7,307	608	736	521
50-99 rooms.....	3,376	3,077	2,444	1,783		1,255	1,823	3,186	651	876	478
100-299 rooms.....	2,308	2,048	1,724	1,335	1,084	350	864	2,147	448	800	754
300 rooms or more.....	554	507	457	447		9	19	99	26	52	76

NA Not available. ¹ Year-round hotels only. ² Not all establishments reported number of rooms; therefore, size-class breakdown will not add to total. ³ Hotels with 25 guest rooms or more. ⁴ 1958 and 1963, employees for workweek ended nearest Nov. 15; 1967 and 1972, employees for workweek including Mar. 12.

Source: U.S. Bureau of the Census, *Census of Business, 1958*, vol. V; *1963*, vol. VI; and *Census of Selected Service Industries, 1972*, SC 72-S-2.

NO. 1490. ADVERTISING EXPENDITURES BY ACTIVE CORPORATIONS, COMPARED WITH RECEIPTS, BY INDUSTRY: 1974 AND 1975

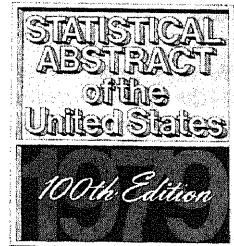
[Compiled from income tax returns; see headnote and footnotes, table 453]

INDUSTRY	Total receipts (bil. dol.)	ADVERTISING EXPENDITURES		INDUSTRY	Total receipts (bil. dol.)	ADVERTISING EXPENDITURES	
		Total (mil. dol.)	Per- cent of receipts			Total (mil. dol.)	Per- cent of receipts
1974, all industry.....	3,089.7	24,640	.8	1975, all industry.....	3,198.6	26,606	.8
Total, domestic trade and services.....	1,039.0	9,536	.9	Total, domestic trade and services.....	1,101.3	10,210	.9
Wholesale and retail trade.....	923.4	8,040	.9	Wholesale and retail trade.....	969.9	8,653	.9
Wholesale trade.....	499.3	1,643	.3	Wholesale trade.....	510.0	1,754	.3
Retail trade ¹	423.9	6,396	1.5	Retail trade ¹	459.7	6,898	1.5
Food stores.....	97.8	853	.9	Food stores.....	113.2	1,037	.9
General merchandise stores.....	83.1	2,112	2.5	General merchandise stores.....	82.4	2,225	2.7
Apparel and accessory stores.....	20.8	444	2.1	Apparel and accessory stores.....	21.1	449	2.1
Auto dealers ²	96.9	776	.8	Auto dealers ²	111.2	856	.8
Services ¹	115.6	1,496	1.3	Services ¹	131.4	1,557	1.2
Hotels, other lodging.....	9.1	186	2.0	Hotels, other lodging.....	9.2	179	1.9
Personal services.....	8.3	124	1.5	Personal services.....	8.4	131	1.6
Business services.....	35.1	429	1.2	Business services.....	38.4	415	1.1
Auto., other repair services.....	12.2	111	.9	Auto., other repair services.....	13.1	109	.8
Amusement and recreation services ³	7.7	157	2.0	Amusement and recreation services ³	6.7	149	2.2

¹ Includes kinds of business, not shown separately. ² Includes gasoline service stations. ³ Excludes motion pictures.

Source: U.S. Internal Revenue Service, *Statistics of Income, 1974 and 1975, Corporation Income Tax Returns*.

Foreign Commerce and Aid



This section presents data on the flow of goods, services, and capital between the United States and other countries; changes in official gold reserves of the United States; international investments; foreign assistance programs; and import duties.

The Bureau of Economic Analysis publishes current figures on U.S. international transactions and the U.S. international investment position in its monthly *Survey of Current Business*. Figures for earlier periods are presented in *Balance of Payments—Statistical Supplement*, 1963 revised edition, in the periodic *Foreign Grants and Credits by the United States Government*, and in the June issues of the *Survey of Current Business*. Statistics for the foreign aid programs are presented by the Agency for International Development (AID) in its annual *Operations Report* and its annual *U.S. Overseas Loans and Grants and Assistance from International Organizations*; and by the Department of Agriculture in its *Foreign Agricultural Trade of the United States*.

The principal source of merchandise import and export data is the Bureau of the Census. Current data are presented monthly in Report FT 135, *U.S. General Imports, Schedule A Commodity by Country*; Report FT 410, *U.S. Exports, Schedule B Commodity by Country*; and Report FT 990, *Highlights of U.S. Export and Import Trade*. For a complete list of the Bureau's monthly and annual reports in this field, consult the *Bureau of the Census Catalog* and the *Guide to Foreign Trade Statistics*. In addition, the Industry and Trade Administration and the Bureau of Economic Analysis present summary and selected commodity and country data for U.S. foreign trade in the *Overseas Business Reports* and the *Survey of Current Business*, respectively. The merchandise trade data in the latter source include balance of payments adjustments to the census data. The Treasury Department's *Annual Report of the Secretary* contains information on import duties.

International accounts.—The international transactions tables (Nos. 1491–1493) show, for given time periods, the transfer of goods, services, grants, and financial assets and liabilities between the United States and the rest of the world.

The international investment position table (No. 1496) presents, for specific dates, the value of U.S. investments abroad and of foreign investments in the United States. The movement of foreign and U.S. capital as presented in the balance of payments is not the only factor affecting the total value of foreign investments. Among the other factors are: Changes in the valuation of assets or liabilities, including securities; defaults; expropriations; and write-offs.

Foreign aid.—Foreign assistance is divided into three major categories—grants (military supplies and services, and other grants), credits, and other assistance (through net accumulation of foreign currency claims from the sale of agricultural commodities). The U.S. Government's capital investments in the international financial institutions constitute an additional measure taken by the Government to promote foreign economic recovery and development.

Grants are transfers for which no payment is expected (other than a limited percentage of the foreign currency "counterpart" funds generated by the grant), or which at most involve an obligation on the part of the receiver to extend aid to the United States or other countries to achieve a common objective. **Credits** are loan disbursements or transfers under other agreements which give rise to specific obligations to repay, over a period of years, usually with interest. All known returns to the U.S. Government stemming from grants and credits (reverse grants, returns of grants, and payments of principal) are taken into account in net grants and net credits, but no allowance is made for interest or commissions. **Other assistance** represents the transfer of U.S. farm

products in exchange for foreign currencies (plus, since enactment of Public Law 87-128, currency claims from principal and interest collected on credits extended under the farm products program), *less* the Government's disbursements of the currencies as grants, credits, or for purchases. The net acquisition of currencies represents net transfers of resources to foreign countries under the agricultural programs, in addition to those classified as grants or credits.

Figures as published in the *Foreign Grants and Credits* series are not identical with figures shown for Government unilateral transfers and capital in the balance of payments, mainly because of differences in treatment of particular items by the two sets of accounts. Such items include: Contributions to the multilateral construction program of the North Atlantic Treaty Organization; Government investments in certain productive enterprises abroad; Government receipts on funded claims; and net changes in foreign currency holdings resulting from transactions other than those under the farm products program, such as by collection of principal and interest and by purchase for dollars.

The basic instrument for extending military aid to friendly nations has been the Mutual Defense Assistance Program authorized by the Congress in 1949. Prior to 1952, economic and technical aid was authorized in the Foreign Assistance Act of 1948, the 1950 Act for International Development, and other legislation which set up programs for specific countries. In 1952, these economic, technical, and military aid programs were combined under the Mutual Security Act, which in turn was followed by the Foreign Assistance Act passed in 1961. Appropriations to provide military assistance to certain countries in Southeast Asia were made in the Department of Defense Appropriation Act (rather than the Foreign Assistance Appropriation Act) beginning in 1966 and in other legislation concerning programs for specific countries (such as Israel). Figures on activity under the Foreign Assistance Act as reported in the *Foreign Grants and Credits* series differ from data published by AID or its immediate predecessors due largely to differences in reporting, timing, and treatment of particular items.

Exports.—The Bureau of the Census compiles export data primarily from Shipper's Export Declarations required to be filed with customs officials for shipments leaving the United States. They include U.S. exports under mutual security programs and exclude shipments to U.S. Armed Forces for their own use.

The value reported in the export statistics is generally equivalent to a free alongside ship (f.a.s.) value at the U.S. port of export, based on the transaction price, including inland freight, insurance, and other charges incurred in placing the merchandise alongside the carrier at the U.S. port of exportation. This value, as defined, excludes the cost of loading merchandise aboard the exporting carrier and also excludes freight, insurance, and any other charges or transportation and other costs beyond the U.S. port of exportation. The country of destination is defined as the country of ultimate destination or country where the merchandise is to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. When ultimate destination is not known, the shipment is statistically credited to the last country to which the shipper knows the merchandise will be shipped in the same form as exported.

For certain low-valued shipments, the export statistics include estimates based upon selected samples of such shipments. In general, shipments valued \$100-\$499 were estimated for July 1953 through September 1969. For Canada, the upper value limit of the sampled shipments was increased from \$499 to \$1,999, effective January 1968. Effective October 1969, data are estimated for shipments valued \$251-\$1,999 to Canada and \$251-\$499 to other countries. The statistics also include estimates for shipments under \$100 prior to October 1969 and for those under \$251 effective October 1969, not classified by commodity. The over-\$251 sampled shipments represent about 3 percent of the total value of exports, and the under-\$251 shipments about 1.0 percent.

Beginning January 1978, the Export Classification Schedule was based upon Schedule E, Standard International Trade Classification, Revision 2. This revision affects the comparability of some export statistics.

Imports.—The Bureau of the Census compiles import data from various customs forms required to be filed with customs officials. Effective 1974, import values published by the Bureau of the Census are presented on three bases: The transaction values f.a.s. (free alongside ship) at the foreign port of export, the c.i.f. (cost, insurance, and freight), and the previously reported customs import value (the value as appraised by the U.S. Customs Service in accordance with the legal requirements of Sections 402 and 402a of the Tariff Act of 1930, as amended). This latter valuation is primarily used for collection of import duties and frequently does not reflect the actual transaction value. The country of origin is defined as the country where the merchandise was grown, mined, or manufactured. If the country of origin is unknown, the country of shipment is reported.

Imports are classified either as "General Imports" or "Imports for Consumption." General imports are a combination of entries for immediate consumption and entries into customs bonded warehouses, and thus generally reflect total arrivals of merchandise. Imports for consumption are a combination of entries for immediate consumption and withdrawals from warehouses for consumption, and thus generally reflect the total of the commodities entered into U.S. consumption channels.

The import statistics include estimates, not classified by commodity, for certain low-valued shipments. From July 1953 through June 1965, data for informal entries (generally items valued under \$251) and various types of formal entries valued under \$100, in general, were estimated, while data for formal and informal entries valued under \$251 have been estimated since July 1965. The estimates are included in country and continent figures and in total import figures. The estimated low-valued shipments generally amount to about 1 percent of the import total.

Area coverage.—Except as noted, the geographic area covered by the export and import trade statistics is the United States customs area, which includes the 50 States, the District of Columbia, and Puerto Rico.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

No. 1491. U.S. INTERNATIONAL TRANSACTIONS—SUMMARY: 1960 TO 1979

[In billions of dollars. Minus sign (–) denotes debit. See headnote, table 1492]

YEAR	Merchandise trade balance	Military transactions balance	Net investment income	Net travel and transportation receipts	All goods and services balance	Current account balance	Foreign assets in U.S., net	U.S. assets abroad, net	U.S. official reserve assets, net (end of period)
1960	4.9	-2.8	3.4	-1.0	5.1	2.8	2.3	-4.1	19.4
1965	5.0	-2.1	5.3	-1.3	8.3	5.4	.7	-5.7	15.5
1966	3.8	-2.9	5.0	-1.3	6.0	3.0	3.7	-7.3	14.9
1967	3.8	-3.2	5.3	-1.8	5.7	2.6	7.4	-9.8	14.8
1968	.6	-3.1	6.0	-1.5	3.6	.6	9.9	-11.0	15.7
1969	.6	-3.3	6.0	-1.8	3.4	.4	12.7	-11.6	17.0
1970	2.6	-3.4	6.2	-2.0	5.6	2.3	6.4	-9.3	14.5
1971	-2.3	-2.9	7.3	-2.3	2.3	-1.4	23.0	-12.5	12.2
1972	-6.4	-3.4	8.2	-3.1	-1.9	-5.7	21.5	-14.5	13.2
1973	.9	-2.1	12.2	-3.2	11.0	7.1	18.4	-22.9	14.4
1974	-5.3	-1.7	15.5	-3.2	9.3	2.1	34.2	-34.7	15.9
1975	9.0	-7	12.8	-2.7	23.0	18.3	15.4	-39.7	16.2
1976	-9.3	.7	16.0	-2.5	9.6	4.6	36.4	-51.3	18.7
1977	-30.9	1.7	18.0	-3.2	-9.4	-14.1	50.8	-35.8	19.3
1978	-34.2	.5	21.6	-3.0	-8.8	-13.9	63.7	-61.0	18.7
1979: 1st qtr. ¹	-6.1	-	6.9	-.6	1.7	-.4	1.5	-7.6	21.7
1979: 2d qtr. ¹	-7.7	-.1	7.4	-.7	.4	-1.0	4.4	-15.5	21.2

¹ Represents zero. ² Seasonally adjusted, except for U.S. official reserve assets, net (end of period).

Source: U.S. Council of Economic Advisers, *Economic Indicators*, monthly. Data from U.S. Bureau of Economic Analysis and U.S. Dept. of the Treasury.

NO. 1492. U.S. INTERNATIONAL TRANSACTIONS: 1965 TO 1978

[In millions of dollars. Minus sign (-) denotes debits. The account definition has been changed to include reinvested earnings on foreign investments and historical data have been revised accordingly. See also *Historical Statistics, Colonial Times to 1970*, series U 1-25]

TYPE OF TRANSACTION	1965	1970	1973	1974	1975	1976	1977	1978
Exports of goods and services¹	41,086	65,666	110,214	146,604	155,721	171,761	184,592	220,849
Merchandise, excl. military ²	26,461	42,489	71,410	98,306	107,088	114,745	120,816	141,884
Transfers under U.S. military agency sales contracts	830	1,501	2,550	3,379	4,049	5,574	7,441	7,744
Travel and transportation	3,826	6,000	8,852	10,833	11,576	13,731	14,783	17,018
Miscellaneous services	2,533	3,950	5,584	6,499	7,658	8,425	8,967	10,740
Income on U.S. assets abroad ³	7,436	11,746	21,808	27,587	25,351	29,286	32,587	43,465
Transfers of goods and services under U.S. military grants, net	1,636	2,713	2,810	1,818	2,207	373	204	259
Imports of goods and services	-32,801	-60,032	-99,191	-137,306	-132,769	-162,159	-194,015	-229,658
Merchandise, excl. military ²	-21,510	-39,866	-70,499	-103,649	-98,041	-124,051	-151,689	-176,071
Direct defense expenditures	-2,952	-4,855	-4,629	-5,032	-4,795	-4,900	-5,762	-7,252
Travel and transportation	-5,106	-8,038	-12,010	-14,017	-14,301	-16,196	-17,983	-20,003
Miscellaneous services	-1,146	-1,760	-2,399	-2,524	-3,068	-3,700	-3,984	-4,514
Income on foreign assets in U.S. ³	-2,088	-5,516	-9,655	-12,084	-12,564	-13,311	-14,598	-21,820
U.S. military grants of goods and services, net	-1,636	-2,713	-2,810	-1,818	-2,207	-373	-204	-259
Unilateral transfers (excl. military grants), net	-2,854	-3,294	-3,881	-7,186	-4,613	-4,998	-4,670	-5,086
U.S. Government grants	-1,808	-1,736	-1,938	-5,475	-2,894	-3,146	-2,775	-3,152
U.S. Govt. pensions, private remittances, other transfers	-1,046	-1,558	-1,943	-1,711	-1,719	-1,851	-1,895	-1,934
U.S. assets abroad, net (increase/capital outflow (-))	-5,715	-9,336	-22,874	-34,745	-39,703	-51,269	-35,793	-60,957
U.S. official reserve assets, net	1,225	2,481	158	-1,467	-849	-2,558	-375	732
U.S. Govt. assets, other than official reserve assets, net	-1,605	-1,589	-2,644	366	-3,474	-4,214	-3,693	-4,656
U.S. loans and other long-term assets	-2,463	-3,293	-4,638	-5,001	-5,941	-6,943	-6,445	-7,470
Repayments on U.S. loans ⁶	874	1,721	2,596	4,826	2,475	2,596	2,719	2,938
U.S. foreign currency holdings and U.S. short-term assets, net	-16	-16	-602	541	-9	133	33	-124
U.S. private assets, net	-5,335	-10,228	-20,388	-33,643	-35,380	-44,498	-31,725	-57,033
Direct investments abroad ⁴	-5,010	-7,589	-11,353	-9,052	-14,244	-11,949	-12,898	-16,670
Foreign securities	-759	-1,076	-671	-1,854	-6,247	-8,885	-5,460	-3,487
U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	341	-596	-2,383	-3,221	-1,357	-2,296	-1,940	-3,853
U.S. claims reported by U.S. banks, n.i.e. ⁵	93	-967	-5,980	-19,516	-13,532	-21,368	-11,427	-33,023
Long-term	-232	155	-933	-1,183	-2,357	-2,362	-751	(NA)
Short-term	325	-1,122	-5,047	-18,333	-11,175	-19,006	-10,676	(NA)
Foreign assets in the U.S., net (increase/capital inflow (+))	742	6,359	18,388	34,241	15,420	36,399	50,823	63,713
Foreign official assets in the U.S., net	134	6,908	6,026	10,546	6,777	17,573	36,656	33,758
Other foreign assets in the U.S., net	607	-550	12,362	23,696	8,643	18,826	14,167	29,956
Direct investments in U.S. ⁴	415	1,464	2,800	4,760	2,603	4,347	3,728	6,294
U.S. Treasury securities	-131	81	-216	697	2,590	2,783	534	2,180
U.S. securities other than U.S. Treasury securities	-358	2,189	4,041	378	2,503	1,284	2,713	2,867
U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	178	2,014	1,035	1,844	319	-578	473	1,640
U.S. liabilities reported by U.S. banks, n.i.e. ⁵	503	-6,298	4,702	16,017	628	10,990	6,719	16,975
Long-term	241	23	227	9	-280	231	373	(NA)
Short-term	262	-6,321	4,475	16,008	908	10,759	6,346	(NA)
Allocations of special drawing rights	-	867	-	-	-	-	-	-
Statistical discrepancy (sum of above items with sign reversed)	-458	-230	-2,655	-1,609	5,944	10,265	-937	11,139

¹ Represents zero. NA Not available. ² Excludes exports of goods under U.S. military agency sales contracts identified in Bureau of the Census export documents, excludes imports of goods under direct defense expenditures identified in Census import documents, and reflects various other adjustments (for valuation, coverage, and timing) of census statistics to a balance of payments basis. ³ Consists of interest, dividends, and earnings of unincorporated affiliates. ⁴ Includes reinvested earnings of foreign incorporated affiliates of U.S. firms, or of U.S. incorporated affiliates of foreign firms. ⁵ Includes sales of foreign obligations to foreigners. ⁶ Not included elsewhere.

No. 1493. U.S. BALANCES ON INTERNATIONAL TRANSACTIONS, BY AREAS AND SELECTED COUNTRIES: 1975 TO 1978

[In millions of dollars. Balances by area have some shortcomings due to statistical discrepancies including errors, omissions, and incorrect area attributions. Minus sign (—) denotes debits]

AREA OR COUNTRY	1976, BALANCE ON—			1977, BALANCE ON—			1978, BALANCE ON—		
	Merchandise trade ¹	Goods and services	Current account	Merchandise trade ¹	Goods and services	Current account	Merchandise trade ¹	Goods and services	Current account
All areas.....	-9,306	9,603	4,605	-30,873	-9,423	-14,092	-34,187	-8,809	-13,895
Euro. Econ. Community ²	7,178	5,374	5,440	4,374	2,878	2,998	2,523	1,428	1,752
United Kingdom.....	941	27	-1	900	719	680	776	662	778
Belgium-Luxembourg.....	1,887	1,887	1,879	1,718	1,848	1,839	1,960	2,277	2,269
France.....	1,031	1,144	1,098	489	690	642	146	736	692
Germany.....	-177	-953	-620	-1,399	-2,950	-2,535	-2,949	-4,560	-4,079
Italy.....	534	527	388	248	318	467	738	787	-957
Netherlands.....	3,085	2,803	2,791	2,694	2,550	2,537	3,265	2,850	2,839
Other Western Europe.....	1,702	1,561	1,206	1,494	1,496	1,080	224	48	-397
Eastern Europe.....	3,248	3,445	3,373	1,768	1,969	1,907	2,573	2,753	2,689
Canada.....	-139	5,941	5,814	-1,111	5,044	4,941	-2,746	4,374	4,241
Latin Amer., other W. Hemisphere.....	-237	4,707	3,951	-3,244	2,684	1,935	-1,013	6,838	6,016
Japan ³	-5,335	-5,362	-5,405	-7,999	-8,036	-8,079	-11,582	-11,466	-11,538
Australia, South Africa ⁴	1,441	3,108	3,081	985	2,479	2,447	-230	1,857	1,819
Other Asia and Africa.....	-16,755	-8,511	-11,870	-26,486	-16,920	-20,008	-23,184	-13,613	-17,086
International and unallocated.....	-309	-661	-975	-654	-1,017	-1,314	-752	-1,027	-1,390

¹ Adjusted to balance of payments basis; excludes exports under U.S. military sales contracts and imports under direct defense expenditures. ² Includes Denmark, Ireland, European Atomic Energy Community, European Coal and Steel Community, and European Investment Bank, not shown separately. ³ Includes Ryukyu Islands. ⁴ Includes New Zealand.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1979.

NO. 1494. U.S. RESERVE ASSETS: 1960 TO 1979

[In millions of dollars. As of end of year, except 1979 for June]

TYPE	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979, June
Total.....	19,359	15,450	14,487	14,378	15,883	16,226	18,747	19,312	18,650	21,212
Gold stock ¹	17,804	13,806	11,072	11,652	11,652	11,599	11,598	11,719	11,671	11,323
Special drawing rights.....	-	-	851	2,166	2,374	2,335	2,395	2,629	1,558	2,070
Convertible foreign currencies.....	-	781	629	8	5	80	320	18	4,374	6,026
Reserve position in IMF ²	1,555	863	1,935	552	1,852	2,212	4,434	4,946	1,047	1,193

¹ Represents zero. ² Includes gold in Exchange Stabilization Fund; excludes gold held under earmark at Federal Reserve banks for foreign and international accounts. ³ International Monetary Fund.

NO. 1495. U.S. LIABILITIES TO FOREIGNERS, BY AREAS AND COUNTRIES: 1975 TO 1979

[In millions of dollars. As of end of year or month. Represents liabilities as reported by banks in the U.S. "Foreigners" refers to international and regional organizations, foreign governments, central banks, and other official institutions, as well as banks, organizations, and individuals domiciled abroad and foreign subsidiaries and offices of U.S. banks and commercial firms]

AREA OR COUNTRY	1975	1977	1978	1979, May	AREA OR COUNTRY	1975	1977	1978	1979, May
					Total.....	95,590	126,168	166,011	157,754
Europe ¹	44,072	60,295	84,605	75,110	Latin Amer., Caribbean ¹	15,028	23,670	31,470	39,994
France.....	7,726	5,269	8,631	9,755	Bahamas.....	1,874	3,596	6,615	11,164
Germany, F. R.	4,543	7,239	17,286	7,619	British West Indies.....	1,311	3,998	5,978	9,315
Italy.....	1,059	6,857	7,074	9,751	Venezuela.....	3,309	2,029	3,809	3,672
Netherlands.....	3,407	2,869	2,402	2,888	Asia ¹	22,384	30,488	30,394	27,735
Switzerland.....	8,476	12,343	18,564	13,710	Japan.....	10,207	14,616	21,969	12,262
United Kingdom.....	6,867	14,125	14,214	16,682	Mid-East oil countries ²	7,355	8,979	7,420	7,923
Canada.....	2,919	4,607	6,963	7,895	Other.....	5,488	3,832	3,902	4,263
					Int'l and regional ³	5,699	3,274	2,617	2,757

¹ Includes countries not shown separately. ² Bahrain, Iran, Iraq, Kuwait, Oman, Qatar, Saudi Arabia, and United Arab Emirates. ³ Excludes Bank for International Settlements, which is included in Europe.

Source of tables 1494 and 1495: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

NO. 1496. INTERNATIONAL INVESTMENT POSITION, 1950 TO 1977, AND BY SELECTED AREAS, 1977

[In billions of dollars. Estimates for end of year; subject to considerable error due to nature of basic data. Direct investments at book value; other types at market or face values. See *Historical Statistics, Colonial Times to 1970*, series U 26-39, for similar data]

TYPE OF INVESTMENT	1950	1955	1960	1965	1970
U.S. net international investment position	36.7	37.2	44.7	61.6	58.6
U.S. assets abroad	54.4	65.1	85.6	120.4	165.5
Official reserve assets	24.3	22.8	19.4	15.5	14.5
U.S. Government assets, other than official reserve assets	11.1	13.1	17.0	23.5	32.1
U.S. private assets	19.0	29.1	49.2	81.4	118.8
Foreign assets in U.S.	17.6	27.8	40.9	58.8	106.8
Foreign official assets	(NA)	(NA)	1 12.4	1 16.8	26.1
Other foreign assets	(NA)	(NA)	28.5	42.0	80.7

TYPE OF INVESTMENT	1970	1973	1974	1975	1976	Total ²	1977		
							West- ern Eu- rope	Can- ada	Latin Amer- ica ³
U.S. net international investment position	58.6	47.6	58.3	73.9	80.7	70.0	-64.7	51.9	59.8
U.S. assets abroad	165.5	222.5	255.7	295.1	346.4	381.3	102.7	71.2	92.7
U.S. official reserve assets	14.5	14.4	15.9	16.2	18.7	19.3	(z)	(z)	-
Gold	11.1	11.7	11.7	11.6	11.6	11.7	-	-	-
Special drawing rights	.9	2.2	2.4	2.3	2.4	2.6	-	-	-
Reserve position in the IMF	1.9	.6	1.9	2.2	4.4	4.9	-	-	-
Foreign currencies	.6	(z)	(z)	.1	.3	(z)	(z)	(z)	-
U.S. Government assets, other than official reserve assets	32.1	38.8	38.4	41.8	46.0	49.6	9.3	.3	10.1
U.S. loans and other long-term assets	29.7	36.2	36.3	39.8	44.1	47.8	9.2	.3	10.1
Repayable in dollars ⁴	23.5	30.6	33.1	36.8	41.3	45.2	8.5	.3	9.5
Other ⁵	6.2	5.6	3.2	3.0	2.8	2.6	.6	-	.6
U.S. foreign currency holdings and short-term assets	2.5	2.6	2.1	2.0	1.9	1.8	.1	(z)	(z)
U.S. private assets	118.8	169.3	201.5	237.1	281.7	312.4	93.4	70.9	82.6
Direct investments abroad	75.5	101.3	110.1	124.1	136.4	148.8	60.6	35.4	27.7
Foreign securities	21.0	27.5	28.2	34.9	44.1	49.3	7.9	26.9	2.9
Bonds	14.4	17.8	19.2	25.3	34.7	39.2	3.5	21.9	2.7
Corporate stocks	6.6	10.0	9.0	9.6	9.5	10.1	4.5	5.0	.2
U.S. claims on unaffiliated foreigners ⁶	8.5	13.8	17.0	18.3	20.1	21.8	6.9	4.5	5.8
Long-term	4.2	5.1	5.5	5.9	5.9	5.9	1.4	1.9	1.5
Short-term	4.4	8.7	11.5	12.4	14.2	15.9	5.5	2.6	4.3
U.S. claims reported by U.S. banks ⁷	13.8	26.7	46.2	59.8	81.1	92.6	17.9	4.2	46.2
Long term	3.0	6.0	7.2	9.5	11.9	12.6	2.8	.4	5.8
Short term	10.8	20.7	39.1	50.2	69.2	79.9	15.2	3.7	40.4
Foreign assets in the U.S.	106.8	174.9	197.4	221.2	265.7	311.3	167.4	19.3	33.0
Foreign official assets in the U.S.	26.1	69.6	80.3	87.6	106.6	143.1	72.9	2.4	4.9
U.S. Government securities	17.7	53.8	57.7	63.3	73.6	106.0	(*)	(*)	(*)
U.S. Treasury securities	17.7	52.9	56.2	60.8	70.2	100.4	(*)	(*)	(*)
Other	(z)	.9	1.6	2.4	3.4	5.7			
Other U.S. Government liabilities	1.7	2.8	3.5	5.1	10.1	11.8	2.1	.1	.2
U.S. liabilities reported by U.S. banks ⁷	6.7	12.6	18.4	16.3	17.2	18.0	(*)	(*)	(*)
Other foreign official assets	-	.5	.6	2.9	5.6	7.2			
Other foreign assets in the U.S.	80.7	105.3	117.1	133.6	159.1	168.2	94.5	16.9	28.1
Direct investments	13.3	20.6	25.1	27.7	30.8	34.1	22.7	6.0	3.3
U.S. securities	34.7	46.1	34.9	45.3	54.8	53.1	39.8	6.8	2.9
Corporate and other bonds	7.5	12.6	10.7	10.0	12.0	13.4	11.3	1.1	.5
Corporate stocks	27.2	33.5	24.2	35.3	42.9	39.7	28.5	5.7	2.4
U.S. liabilities to unaffiliated foreigners ⁶	8.8	11.7	13.6	13.9	13.0	13.3	6.7	.7	1.7
Long-term	4.9	6.5	6.4	6.8	5.9	5.3	3.8	.2	.5
Short-term	3.9	5.2	7.2	7.1	7.2	8.0	2.9	.5	1.2
U.S. long-term liabilities reported by U.S. banks	1.0	1.2	1.2	.9	1.1	1.5			
U.S. Treasury securities and other short-term liabilities reported by U.S. banks	22.9	25.7	42.3	45.8	59.4	66.3	(*)	(*)	(*)
Bills and certificates	1.2	1.0	1.7	4.2	7.0	7.6			
Bonds and notes	.4	.4	1.0	3.2	3.0	1.1			
U.S. short term liabilities reported by U.S. banks ⁷	.8	.6	.6	1.0	4.0	6.5			

- Represents zero. NA Not available. Z Less than \$50 million. ¹ Includes holdings of international and regional organizations that were shifted to "other foreign assets" in subsequent periods. ² Includes other countries, international organizations, unallocated, not shown separately. ³ Includes other Western Hemisphere. ⁴ Includes paid-in capital subscription to international financial institutions and outstanding amounts of miscellaneous claims. Excludes World War I debts that are not being serviced. ⁵ Includes indebtedness that the borrower may contractually, or at its option, repay with its currency, with a third country's currency, or by delivery of materials or transfer of services. ⁶ Reported by U.S. nonbanking concerns. ⁷ Not included elsewhere. ⁸ Data included in "Foreign official assets in the U.S." ⁹ Excludes U.S. Treasury securities. ¹⁰ Data included in "Other foreign assets in the U.S."

Direct Investment Abroad

No. 1497. U.S. DIRECT INVESTMENT ABROAD—DIRECT INVESTMENT POSITION AND INCOME, BY COUNTRY, 1970 TO 1978, AND BY SELECTED INDUSTRIES, 1978

[In millions of dollars. For definition of "direct," see headnote, table 1498. Negative position occurs when U.S. parent company's liabilities to the foreign affiliate are greater than its investment in the foreign affiliate. See also *Historical Statistics, Colonial Times to 1970*, series U 41-46]

COUNTRY	DIRECT INVESTMENT POSITION (at year-end)										INCOME, ² 1978, prel.											
	1970		1974		1975		1976		1977		1978, prel.		1970		1974		1975		1976		1977	
	Total	1978	Total	1978	Total	1978	Total	1978	Total	1978	Total	1978	Total	1978	Total	1978	Total	1978	Total	1978	Total	
All areas	75,480	110,078	124,050	136,809	149,848	168,081	174,207	183,302	204,065	8,169	19,456	16,505	18,399	20,081	25,656	10,810	5,846	4,178				
Developed countries	51,819	82,895	90,605	100,304	108,225	120,741	130,135	145,115	11,108	4,577	10,418	9,509	11,461	12,882	8,874	2,541	1,786					
Canada	21,015	24,404	33,658	35,838	36,200	37,280	17,625	8,247	3,882	1,518	3,304	3,412	3,837	3,161	3,435	1,457	976	1,306				
Europe	25,285	44,632	49,306	55,671	60,350	69,669	36,426	14,719	5,766	2,401	5,713	4,989	6,409	7,301	10,647	6,376	1,180	1,289				
Euro. Econ. Commun. (EEC) ⁴	20,104	35,323	38,773	43,215	47,393	55,233	23,182	12,202	4,188	1,919	4,042	3,620	4,755	5,720	8,590	5,823	821	9,906				
Belgium and Luxembourg	1,546	2,945	3,306	3,558	4,322	4,739	2,812	355	549	158	375	270	267	341	584	391	90	164				
Denmark and Ireland	1,160	1,205	1,632	1,952	2,450	2,450	1,435	616	48	45	165	170	385	369	338	57	12	101				
France	2,663	4,302	5,736	5,947	6,990	6,772	4,620	895	308	237	388	657	484	305	859	623	13	213				
Germany	4,313	7,726	10,497	11,071	12,746	8,324	2,861	1,148	588	1,079	936	1,945	1,616	2,734	2,044	346						
Netherlands	1,464	2,630	2,934	3,016	3,571	3,571	2,389	664	154	85	206	90	304	357	582	421	44	51				
United Kingdom	1,550	3,157	3,097	3,048	4,636	4,636	2,523	7	180	753	540	664	948	1,162	488	421	65					
Other Western Europe ⁵	8,016	12,557	13,927	15,137	17,454	20,348	10,932	9,329	929	625	1,081	936	1,783	2,298	1,333	231						
Switzerland	5,151	9,339	10,521	11,924	12,907	14,336	4,244	2,016	516	488	1,671	1,369	1,414	1,581	2,057	1,533	333					
Japan incl. Okinawa	2,631	4,679	5,152	5,762	6,101	7,373	1,140	333	333	333	3,028	863	874	914	1,280	301	-17	336				
Australia, N. Zealand, So. Africa	4,057	6,520	7,013	7,530	8,339	8,952	3,766	1,803	417	430	919	875	1,038	850	1,149	937	267	97				
Developing countries ⁶	19,182	19,848	26,288	29,313	34,462	49,466	14,071	4,525	11,095	2,941	7,927	6,683	7,047	9,942	8,929	1,936	3,290	3,238	3,406			
Latin American Republics ⁷	11,104	14,597	16,394	17,125	18,882	21,336	10,855	2,005	2,665	2,106	2,297	2,155	1,906	2,694	1,386	334						
Mexico, Panama, and other Central America	3,644	5,141	5,811	5,617	6,219	6,384	3,217	1,185	264	820	926	926	887	507	507	37	112					
Argentina	1,022	1,138	1,164	1,366	1,490	1,658	983	220	106	109	108	109	108	267	162	-21	103					
Brazil	1,526	3,760	4,579	5,152	5,920	7,170	4,684	424	688	280	464	657	731	639	932	621	36	125				
Chile	758	287	174	179	193	230	71	64	2	81	20	53	22	19	28	8	7					
Colombia	584	617	648	654	696	759	495	92	93	90	43	90	79	91	98	82	-13	20				
Peru	744	900	1,221	1,364	1,397	1,929	1,139	408	9	74	47	47	47	38	46	77	125	1	93			
Venezuela	2,241	3,804	3,872	4,506	4,886	5,015	1,059	1,287	395	573	344	262	319	287	166	43	19					
Other Western Hemisphere	1,858	4,931	5,773	6,809	9,227	11,173	789	1,056	7,588	215	848	1,047	1,373	1,698	2,172	185	192	1,550				
Other Africa	2,427	2,233	2,414	2,775	2,802	3,411	2,775	2,092	75	1,209	534	610	588	610	1,434	36	31	127				
Middle East ⁸	1,545	6,432	4,032	3,301	2,667	2,105	2,000	3,519	200	711	2,032	1,643	1,743	1,743	1,743	322	813	1,434				
Other Asia and Pacific	2,260	4,519	5,904	6,217	6,651	1,954	2,290	569	287	1,660	1,304	1,017	1,372	1,732	1,732	492	254	214				
International and unallocated ⁹	4,469	7,355	7,967	7,192	7,160	8,874	(X)	2,362	1,872	650	650	811	492	345	(X)	254	254	254	254			

X Not applicable. Z Less than \$500,000.
¹ Includes industries not shown separately.
² Equals sum of interest, dividends, earnings of unincorporated affiliates, and reinvested earnings.
³ Includes Mediterranean possessions and countries. Excludes Eastern Europe.

⁴ As of Jan. 1, 1973. United Kingdom, Denmark, and Ireland became members of EEC. For consistency, data for all years are shown on same basis.
⁵ Excludes Okinawa.
⁶ Shipping companies operating under flags of convenience, primarily Panama and Liberia, included in "International and unallocated."

⁷ Includes countries not shown below.
⁸ Includes Egypt and all other in Africa except South Africa.
⁹ Includes Bahrain, Iran, Israel, Jordan, Lebanon, Qatar, Saudi Arabia, South Yemen, Syria, Kuwait, Oman, and Yemen.

Source: U.S. Bureau of Economic Analysis, Survey of Current Business, August 1979, and supplement titled Revised Data Series on U.S. Direct Investment Abroad, 1966-76.

NO. 1498. U.S. INTERNATIONAL INVESTMENTS—RECEIPTS AND PAYMENTS, BY FOREIGN AREAS: 1966 TO 1978

[In millions of dollars. Figures abstracted from the general pattern of balance of payments. "Direct" investments represent private enterprises in one country controlled by investors in another country or in the management of which foreign investors have an important voice. "Other private" investments represent long term miscellaneous holdings such as government or corporate bonds, interests in trusts, and estates, or bank loans.]

AREA AND TYPE OF INVESTMENT	1966		1970		1975		1977		1978	
	Receipts	Payments	Receipts	Payments	Receipts	Payments	Receipts	Payments	Receipts	Payments
Total, all areas	7,526	2,481	11,746	5,516	25,351	12,564	32,537	14,598	43,465	21,820
Direct	5,258	711	8,168	875	16,595	2,234	20,081	2,834	25,656	3,958
Other private	1,669	1,221	2,671	3,617	7,644	5,788	10,881	6,224	15,964	9,188
U.S. Government	599	549	907	1,024	1,112	4,542	1,625	5,540	1,845	8,674
Canada	1,857	389	2,424	618	5,127	1,076	5,676	898	6,582	1,099
Direct	1,292	156	1,518	71	3,412	430	3,161	314	3,435	352
Other private	565	159	905	373	1,700	394	2,497	421	3,130	607
U.S. Government	(2)	74	1	174	15	252	18	163	17	140
Western Hemisphere ¹	1,769	196	2,136	480	5,730	1,163	8,042	1,552	11,048	2,547
Direct	1,326	8	1,420	18	3,201	242	3,988	360	4,866	403
Other private	321	175	556	448	2,282	862	3,756	1,105	5,869	2,041
U.S. Government	122	13	160	14	247	59	298	87	313	103
Europe ²	1,625	1,463	3,259	3,442	6,599	7,626	9,616	8,112	14,247	12,102
Direct	1,051	529	2,402	702	4,989	1,670	7,302	1,906	10,647	2,848
Other private	346	616	501	2,193	1,303	3,413	1,922	3,360	3,173	4,550
U.S. Government	228	318	356	547	307	2,543	392	2,846	427	4,704
Other countries ³	2,275	433	3,927	976	7,895	2,699	9,253	4,036	11,588	6,072
Direct	1,589	18	2,828	84	4,993	-108	5,630	254	6,708	355
Other private	437	271	709	603	2,359	1,119	2,706	1,338	3,792	1,990
U.S. Government	249	144	390	289	543	1,688	917	2,444	1,088	3,727

Z Less than \$500,000. ¹ Except Canada. ² Includes Finland, Spain, and Yugoslavia. ³ Includes international institutions and shipping companies operating under flags of the Bahamas, Honduras, and Panama.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1979.

NO. 1499. FOREIGN DIRECT INVESTMENT IN THE UNITED STATES—VALUE, BY AREA AND INDUSTRY: 1950 TO 1978

[In millions of dollars. Book value at yearend. Prior to 1973, covers U.S. firms, including real estate investments in which foreign interest or ownership was 25 percent or more; thereafter, ownership of 10 percent or more. See also *Historical Statistics, Colonial Times to 1970*, series U 47-74]

AREA AND INDUSTRY	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978, prel.
All areas ¹	3,391	5,076	6,910	8,797	13,270	20,556	25,144	27,662	30,770	34,595	40,831
Petroleum	405	853	1,288	1,710	2,992	4,792	5,614	6,213	5,921	6,573	7,885
Manufacturing	1,138	1,759	2,611	3,478	6,140	8,231	10,887	11,386	12,619	14,030	16,239
Finance and insurance	1,066	1,499	1,810	2,169	2,256	3,414	2,723	3,152	2,943	4,544	5,179
Trade, wholesale and retail	(NA)	(NA)	634	748	994	3,117	4,387	4,844	6,123	7,237	8,884
Canada	1,029	1,542	1,934	2,388	3,117	4,203	5,136	5,352	5,907	5,650	6,166
Petroleum	56	196	203	208	190	426	547	596	676	710	782
Manufacturing	468	711	932	1,219	1,836	2,319	2,905	3,061	3,386	3,077	3,323
Finance and insurance	153	179	246	370	324	293	311	341	422	367	457
Europe	2,228	3,369	4,707	6,076	9,554	13,937	16,756	18,584	20,162	23,754	27,895
Petroleum	349	657	1,028	1,478	2,777	4,079	4,714	5,478	4,999	5,523	6,630
Manufacturing	669	1,040	1,611	2,167	4,091	4,790	6,109	6,673	7,426	9,267	10,905
Finance and insurance	870	1,272	1,504	1,724	1,805	2,086	1,829	2,088	2,637	3,076	3,492
United Kingdom	1,168	1,749	2,248	2,852	4,127	5,403	5,744	6,331	5,802	6,397	7,370
Petroleum	95	204	339	511	1,220	1,212	1,502	(D)	602	486	484
Manufacturing	337	510	722	839	1,391	1,551	1,792	1,833	1,964	2,305	2,930
Finance and insurance	554	836	953	1,176	1,141	1,198	854	892	1,211	1,425	1,588
Netherlands	334	613	947	1,304	2,151	4,017	4,698	5,347	6,255	7,830	9,707
Petroleum	226	411	639	887	1,311	(D)	(D)	(D)	(D)	(D)	5,073
Manufacturing	44	127	213	328	652	997	1,213	1,845	1,500	2,237	2,842
Switzerland	348	522	773	940	1,545	1,420	1,949	2,138	2,295	2,651	2,844
Manufacturing	204	282	427	590	1,147	922	1,222	1,308	1,357	1,769	1,917
Finance and insurance	147	223	300	303	351	313	263	365	(D)	486	538
Other Europe	377	455	739	980	1,731	3,087	4,366	4,768	5,810	6,876	7,914
Petroleum	28	42	50	80	246	(D)	494	(D)	(D)	1,065	
Manufacturing	84	121	249	410	901	1,319	1,882	2,187	2,605	2,956	3,216
Finance and insurance	135	176	209	209	255	426	442	445	(D)	592	697
Japan		134	165	269	{ 118	229	152	345	591	1,178	1,755
Other areas					{ 214	370	2,264	2,907	3,135	3,523	3,436
											4,081

D Withheld to avoid disclosure of data of individual companies. NA Not available. ¹ Area totals include industries not shown separately. ² Direct investments (in millions of dollars): Belgium and Luxembourg, 1,264; France, 1,939; Germany, 3,191; Italy, 247; and Sweden, 842.

Source: U.S. Bureau of Economic Analysis, *Foreign Business Investments in the United States*, 1962; and *Survey of Current Business*, August 1979.

No. 1500. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS: 1945 TO 1978

[In millions of dollars. "P.L." means Public Law. For explanation of minus sign (-), see headnote, table 1501. See also text, pp. 845-847, and *Historical Statistics, Colonial Times to 1970*, series U 75-101]

PROGRAM	Post WW II period, total	1945- 1955, total	1956- 1965, total	1966- 1973, total	1974	1975	1976	1977	1978, prel.
Total, net.....	193,967	55,184	47,317	52,853	7,823	8,676	7,931	6,732	8,000
Investments in financial institutions ²	6,848	635	655	1,528	537	654	1,102	870	867
Under assistance programs, net.....	187,119	54,499	46,662	51,325	6,785	8,022	6,829	5,862	7,134
Net new military grants.....	67,271	16,445	19,159	22,986	2,842	2,891	1,339	767	840
Gross new grants.....	67,810	16,679	19,400	23,021	2,850	2,895	1,342	770	853
Foreign Assistance Act ³	66,157	15,062	19,364	23,021	2,850	2,895	1,342	770	853
Military supplies and services.....	41,314	13,917	18,256	6,497	975	814	375	206	273
Military assistance, service funded ⁴	18,169	-	8	15,915	849	1,396	-	-	-
Financing of military pur- chases ⁶	3,463	-	-	937	647	878	501	500	500
Other special programs.....	3,210	1,145	1,100	608	88	38	88	62	81
Other.....	1,658	1,617	36	-	-	-	-	-	-
Less: Reverse grants and returns.....	539	234	241	34	7	4	3	3	13
Net new economic and technical aid grants ¹	75,488	28,871	17,675	14,962	4,538	2,247	2,208	2,274	2,652
Developed countries ⁷	20,906	20,294	780	-180	-1	-1	(z)	2	12
Developing countries ⁷	54,581	8,578	16,896	15,142	4,539	2,249	2,268	2,271	2,639
Gross new grants.....	77,420	30,225	17,993	15,213	4,540	2,250	2,274	2,274	2,652
Foreign Assistance Act ³	47,129	17,711	12,189	9,075	1,562	1,555	1,626	1,550	1,864
Farm products disposals:									
Foreign currencies, P.L. 83-480 ⁸	6,354	-	2,048	1,899	2,316	20	39	16	17
Famine and other urgent relief.....	7,093	530	2,704	2,238	316	309	304	353	341
Payment of transportation.....	1,760	-	494	705	121	120	94	95	130
Supplies to military or trusteeship administration areas.....	6,815	5,872	132	388	71	77	88	90	98
Peace Corps.....	1,360	-	232	751	88	72	74	71	71
Other.....	6,908	6,113	194	157	66	97	51	99	131
Less: Reverse grants and returns.....	1,932	1,353	318	251	2	2	6	-	-
Net new credits ⁹	42,452	8,642	7,025	14,449	-348	2,853	3,275	2,861	3,695
Developed countries ⁷	3,862	6,646	-3,207	159	13	138	181	-157	89
Developing countries ⁷	38,591	1,996	10,232	14,290	-360	2,715	3,094	3,018	3,606
New credits.....	82,873	12,039	15,429	27,057	4,468	5,297	5,837	5,546	6,599
Export-Import Bank Act.....	29,756	4,271	5,257	10,438	2,578	2,490	2,004	1,482	1,237
Foreign Assistance Act ³	28,486	1,919	6,196	9,335	1,186	1,533	2,409	2,668	3,240
Country program loans.....	19,121	1,765	5,722	7,160	583	620	913	877	1,483
Financing of military purchases.....	8,199	9	247	1,716	550	823	1,448	1,679	1,727
Social Progress Trust Fund.....	810	-	226	441	24	21	34	38	26
Other.....	356	145	2	18	29	69	14	75	5
P.L. 83-480 ⁸	13,244	48	3,839	5,644	560	957	747	694	756
Loans of foreign currency:									
To foreign governments.....	5,182	48	3,285	1,832	9	2	6	(z)	(z)
To private enterprises.....	424	-	202	212	4	1	4	1	(z)
Long-term credit sales.....	7,639	-	352	3,600	547	954	737	693	756
P.L. 80-806 ¹⁰	5,170	-	-	1,968	147	318	678	702	1,357
Other.....	6,218	5,801	137	273	-2	(z)	(z)	1	8
Less: Principal collections.....	40,421	3,397	8,404	13,209	4,816	2,444	2,562	2,685	2,904
Export-Import Bank Act.....	18,784	1,803	4,458	7,179	1,111	992	1,029	1,129	1,083
Foreign Assistance Act ³	7,313	38	1,263	2,283	748	526	776	776	904
Country program loans.....	4,648	1	944	1,648	529	304	477	361	384
Financing of military purchases.....	2,158	2	222	487	185	180	255	362	465
Social Progress Trust Fund.....	307	-	9	139	29	31	32	33	35
Other.....	199	35	88	9	6	11	12	19	20
P.L. 83-480 ⁸	4,624	-	180	1,253	2,265	235	221	251	218
Loans of foreign currency:									
To foreign governments.....	2,682	-	111	372	1,874	108	82	82	53
To private enterprises.....	270	-	43	141	18	16	16	14	21
Long term credit sales.....	1,672	-	27	740	373	111	123	154	145
Lend-lease, surplus property, and grant settlements.....	4,315	677	2,001	1,205	103	130	99	54	45
P.L. 80-806 ¹⁰	3,138	-	-	774	510	478	425	390	561
Other.....	2,248	880	501	515	79	83	12	86	92

See footnotes at end of table.

No. 1500. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS: 1945 TO 1978—Con.

[In millions of dollars. See headnote, p. 853]

PROGRAM	Post WW II period, total	1945- 1955, total	1956- 1965, total	1966- 1973, total	1974	1975	1976	1977	1978, prel.
Other assistance (net accumulation of foreign currency claims) ¹¹	1,908	541	2,802	-1,073	-247	30	-54	-39	-53
Developed countries ⁷	238	190	330	-154	-21	-28	-23	-33	-23
Developing countries	1,671	351	2,472	-919	-226	58	-31	-6	-30
Currency claims acquired	19,627	813	11,498	4,485	2,214	189	129	175	124
Sales of farm products	14,997	813	11,170	3,007	1	5	(z)	(z)	(z)
Second-stage operations ¹²	4,631	-	329	1,478	2,213	184	128	175	124
Less: Currencies disbursed	17,719	272	8,696	5,557	2,461	159	182	214	177
Economic grants and credits to purchasing country	13,357	182	8,388	2,318	21	42	16	17	
Other uses	4,362	90	1,833	1,660	143	138	140	198	

- Represents zero. Z Less than \$500,000. ¹ July 1, 1945, through Dec. 31, 1978. All lend-lease and conversions of prior grants to credits are from V-J Day (Sept. 2, 1945). ² For details, see table 1501.

³ Foreign Assistance Act of 1961 (P.L. 87-195), as amended. Also includes predecessor and related programs.

⁴ Includes military assistance under Dept. of Defense Appropriation Act, 1966 (P.L. 89-394) and later acts.

⁵ Includes funds made available under Public Law 93-199 and subsequent legislation to release Israel from its contractual liability to pay for defense articles and services purchased under other legislation. ⁶ Net new grants are not adjusted for settlements for postwar relief and other grants under agreements, and net new credits exclude prior grants converted into credits, which were as follows: July 1945–December 1955, \$2,198 million; 1956–66, \$491 million; 1972, \$944 million. Repayments on these settlements are included in net new credits.

⁷ Developed countries include Australia, Canada, Japan, New Zealand, Republic of South Africa, all countries listed under "Western Europe" in table 1501, except Portugal, Spain, Yugoslavia, and Malta, and all countries listed under "Eastern Europe" in table 1501. Developing countries include all other countries listed in table 1501.

⁸ Agricultural Trade Development and Assistance Act. ⁹ Outstanding credits on Dec. 31, 1978, totaled \$48,287 million representing net credits extended since organization of Export-Import Bank, Feb. 12, 1934, less chargeoffs, and net adjustments due to exchange rates (\$1,560 million), and excluding World War I debts. The amount repayable in dollars at U.S. Government option was \$42,817 million; the remainder was repayable in foreign currencies, commodities, or services, at the option of the borrowers.

¹⁰ Commodity Credit Corporation Charter Act.

¹¹ Equivalent value of currencies still available to be used, including some funds advanced from foreign governments and after loss by exchange rate fluctuations (\$1,404 million), was \$502 million on Dec. 31, 1978.

¹² Includes foreign currencies acquired from triangular trade operations and principal and interest collections on credits, originally extended under P.L. 83-480, which—since enactment of P.L. 87-128—are available for the same purposes as P.L. 83-480 currencies.

Source: U.S. Bureau of Economic Analysis, press releases and unpublished data.

NO. 1501. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY COUNTRIES: 1945 TO 1978

[In millions of dollars. See text, pp. 845–846. Negative figures (–) occur when the total of grant returns, principal repayments, and/or foreign currencies disbursed by the Government exceeds new grants and new credits utilized and/or acquisitions of foreign currencies through new sales of farm products. See also *Historical Statistics, Colonial Times to 1970*, series U 75-186]

TYPE AND COUNTRY	Post WW II period, total	1945- 1955, total	1956- 1965, total	1966- 1973, total	1974	1975	1976	1977	1978, prel.
Total, net	193,967	55,134	47,317	52,853	7,923	8,676	7,931	6,732	8,000
Investment in financial institutions	6,848	635	655	1,528	537	654	1,102	870	867
African Development Fund	25	-	-	-	-	-	15	10	-
Asian Development Bank	251	-	-	78	2	30	75	31	35
Inter-American Development Bank	2,527	-	300	862	192	268	255	307	344
Int'l Bank for Reconstr. and Develop.	686	635	-	13	-	-	-	-	38
International Development Assn.	3,286	-	320	574	344	357	757	521	412
International Finance Corporation	73	-	35	-	-	-	-	-	38
Under assistance programs	187,119	54,499	46,662	51,325	6,785	8,022	6,829	5,862	7,134
Military grants ²	67,271	16,445	19,159	22,986	2,842	2,891	1,339	767	840
Western Europe (excl. Greece and Turkey)	17,306	9,580	6,554	736	108	48	93	71	116
Near East ² (incl. Greece, Turkey, Egypt) and South Asia	12,006	2,061	3,873	2,097	1,152	759	927	523	617
Africa (excl. Egypt)	430	7	166	185	19	21	17	9	6
Far East and Pacific	35,696	4,403	7,618	19,599	1,534	2,033	280	145	84
Western Hemisphere	1,379	236	712	335	24	25	16	14	17
Unspecified areas	454	159	237	35	6	6	6	5	(z)
Other grants, credits, and other assistance (through net accumulation of foreign currency claims)	119,848	38,054	27,503	28,339	3,943	5,131	5,490	5,095	6,294
Developed countries ³	25,006	27,129	-2,097	-174	-9	109	159	-188	78
Developing countries ³	94,842	10,925	29,600	28,513	3,952	5,022	5,331	5,283	6,216

See footnotes at end of table.

No. 1501. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY COUNTRIES: 1945 TO 1978—Continued

[In millions of dollars. See headnote, p. 854. See also *Historical Statistics, Colonial Times to 1970*, series U 75-186]

TYPE AND COUNTRY	Post WW II period, total	1945- 1955, total	1956- 1965, total	1966- 1973, total	1974	1975	1976	1977	1978, prel.
Western Europe	24,424	24,770	-951	-263	131	271	182	-51	334
Austria	1,080	1,019	87	-14	-3	-2	2	-4	-5
Belgium and Luxembourg	656	726	-70	-17	15	18	-2	-8	-7
Denmark	290	284	-19	13	10	15	-4	(z)	-9
Finland	40	80	-26	-26	(z)	7	10	-2	-9
France	4,034	5,477	-1,238	-66	-11	-15	-41	-27	-45
Germany, Federal Republic of	2,893	3,907	-852	-190	46	33	-22	-14	-14
Iceland	51	34	33	-8	-3	3	-3	-3	-2
Ireland	49	146	-16	-18	-15	-18	-6	-13	-9
Italy	2,975	2,795	120	102	-8	-13	-13	1	-8
Netherlands	921	1,051	-224	25	34	56	14	-10	-25
Norway	450	309	-71	77	95	92	30	-36	-46
Portugal	929	67	93	-8	7	15	113	166	476
Spain	1,504	195	685	232	91	94	18	33	157
Sweden	120	108	-20	6	6	4	11	4	1
United Kingdom	5,532	6,923	-532	-296	-162	-89	-18	-152	-142
Yugoslavia	2,128	860	1,042	73	-27	39	78	23	39
Euro. Atomic Energy Community	29	-	51	4	-5	-6	-5	-5	-6
Euro. Coal and Steel Community	7	100	-27	-37	-5	-6	-6	-6	-6
European Payments Union	6	238	-	-232	-	-	-	-	-
Other * and unspecified	730	444	33	118	67	44	26	3	-4
Eastern Europe	2,628	1,097	501	386	-102	-58	166	214	424
Albania	20	20	-	-	-	-	-	-	-
Czechoslovakia	191	191	-	-	-	-	-	-	-
German Dem. Rep.	17	17	(z)	-	-	-	-	-	-
Hungary	22	18	5	-3	-1	-1	(z)	-	5
Poland	1,525	425	555	-60	-24	9	142	135	343
Romania	138	-	-	45	27	20	22	-21	45
U.S.S.R.	713	425	-59	404	-104	-86	2	99	32
Near East and South Asia	35,736	3,163	12,338	9,971	623	1,936	2,409	2,660	2,635
Afghanistan	483	31	224	155	9	18	20	13	12
Bangladesh	1,044	-	-	216	105	380	78	97	168
Cyprus	131	-	19	5	1	14	21	47	24
Egypt	2,588	41	1,009	157	27	88	233	417	618
Greece	2,330	330	-	44	65	112	121	172	162
India	9,236	399	4,796	3,729	-182	243	120	46	83
Iran	1,011	211	477	772	37	-103	-109	-105	-169
Iraq	34	7	37	-2	-2	-2	-2	-2	-1
Israel	7,236	390	483	1,175	199	803	1,405	1,476	1,306
Jordan	1,247	26	455	385	57	63	100	139	72
Kuwait	-	-	-	15	-10	-5	-	-	-
Lebanon	221	15	70	25	22	37	7	32	13
Nepal	226	3	86	85	10	8	16	12	6
Pakistan	5,019	178	2,416	1,788	122	134	253	84	44
Saudi Arabia	14	13	3	49	-21	-11	-12	-4	-4
Sri Lanka (Ceylon)	839	(z)	89	127	2	20	21	38	41
Syria	163	1	57	-3	(z)	18	23	48	19
Turkey	3,144	885	1,418	833	121	73	57	83	175
Yemen Arab Rep.	85	-	40	10	8	6	8	7	7
UNRWA e	847	131	274	235	33	28	39	55	52
Other and unspecified	338	7	57	220	21	12	8	6	7
Africa	7,303	143	2,096	2,485	465	409	509	578	620
Algeria	619	1	135	106	115	41	67	40	113
Benin	38	-	7	7	3	2	7	9	4
Cameroon	83	-	16	44	1	5	5	9	3
Chad	55	(z)	5	8	8	5	6	11	13
Ethiopia	352	9	109	120	26	30	34	14	11
Ghana	310	(z)	64	105	1	6	16	19	9
Guinea	153	-	58	52	6	9	9	9	10
Ivory Coast	84	-	14	53	3	1	(z)	8	5
Kenya	207	(z)	34	58	9	9	18	58	21
Lesotho	46	-	(z)	18	5	4	6	6	7
Liberia	265	25	135	83	-2	(z)	15	-1	10
Libya	206	25	183	-2	-	-	-	-	-
Madagascar	24	(z)	7	10	1	2	1	1	2
Malawi	50	-	5	21	4	5	5	5	4
Malta	94	-	10	23	22	11	5	6	16
Morocco	1,082	7	443	344	30	8	105	37	57
Niger	96	-	5	24	29	11	9	8	10
Nigeria	360	(z)	87	265	10	8	3	-7	-6
Senegal	108	-	15	32	7	8	8	14	23
Sierra Leone	84	(z)	22	29	3	4	7	10	9

See footnotes at end of table.

No. 1501. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY COUNTRIES: 1945 TO 1978—Continued

(In millions of dollars. See headnote, p. 854. See also *Historical Statistics, Colonial Times to 1970*, series U 75-186)

TYPE AND COUNTRY	Post WW II period, total	1945- 1955, total	1955- 1965, total	1966- 1973, total	1974	1975	1976	1977	1978, prel.
Africa—Continued									
Somalia	108	(z)	42	41	(z)	6	3	3	14
South Africa	-92	20	-101	-11	-	(z)	(z)	(z)	(z)
Sudan	154	-	86	32	7	13	-4	9	11
Tanzania	242	2	34	75	11	37	37	30	15
Togo	36	-	9	12	3	3	3	4	2
Tunisia	814	2	392	315	17	12	13	33	30
Uganda	45	-	12	32	1	(z)	(z)	(z)	(z)
Upper Volta	90	-	5	23	11	6	8	15	21
Zaire	783	(z)	248	161	63	97	37	117	61
Zambia	110	-	1	21	9	5	8	31	35
Other and unspecified	748	51	13	292	58	65	76	81	111
Far East and Pacific	28,401	6,754	7,785	8,284	1,370	1,165	1,081	720	1,240
Australia	145	1	(z)	361	-62	-28	-46	-50	-36
Brunei	(z)	-	-	20	(z)	-	-20	-	-
Burma	122	22	76	17	(z)	-1	-1	8	2
China: Taiwan	2,901	1,257	862	205	119	191	145	69	52
Dem. Kampuchea	850	28	228	225	288	80	-	-	-
Hong Kong	79	3	35	9	13	19	6	-4	-3
Indonesia	2,647	246	437	1,000	125	165	383	163	179
Japan	2,134	2,302	288	-475	2	10	58	-48	46
Korea, Republic of	7,183	1,358	2,517	1,640	63	314	344	250	698
Laos	908	37	398	420	36	16	-	-	-
Malaysia	159	1	30	62	19	3	15	24	5
New Zealand	114	5	-2	49	16	30	13	3	-1
Papua New Guinea	(z)	-	(z)	31	(z)	(z)	-12	-18	(z)
Philippines	2,008	833	297	377	43	77	109	151	120
Ryukyu Islands	301	221	90	81	-	-	-	-	-
Thailand	747	39	324	251	19	11	7	72	24
Trust Territory of the Pacific Islands	888	30	89	335	73	79	90	92	100
Vietnam	6,691	245	2,088	3,607	585	166	-	-	-
Other and unspecified	434	126	78	70	29	29	42	8	52
Western Hemisphere	13,229	1,151	4,469	4,742	799	826	518	433	291
Argentina	393	86	294	3	-4	-4	20	6	-8
Bahamas	6	(z)	(z)	9	-1	21	-1	-21	-1
Bermuda	2	-	-	24	-2	-5	-8	-6	-2
Bolivia	715	77	275	201	26	12	30	32	60
Brazil	3,276	470	1,200	1,000	263	193	145	41	-36
Canada	251	-1	-5	140	87	45	13	-19	-8
Cayman Islands	4	-	-	-	10	2	-1	1	-7
Chile	1,385	85	651	478	84	128	-71	12	-33
Colombia	1,241	31	386	715	45	36	21	1	7
Costa Rica	219	16	81	84	9	10	7	5	7
Cuba	41	18	23	-	-	-	-	-	-
Dominican Republic	540	-1	173	295	10	36	29	1	-3
Ecuador	285	27	96	111	7	7	15	5	16
El Salvador	177	4	52	77	4	7	9	14	11
Guatemala	383	23	136	104	17	21	43	24	16
Guyana	96	(z)	7	50	5	16	7	6	4
Haiti	214	27	70	27	3	11	18	28	29
Honduras	213	6	50	67	13	24	18	18	16
Jamaica	171	16	2	72	22	25	8	7	19
Mexico	832	226	177	139	95	70	34	75	16
Nicaragua	268	8	60	106	18	13	17	21	25
Panama	367	10	102	151	29	24	36	10	6
Paraguay	144	4	63	53	7	7	3	4	2
Peru	705	42	212	209	-19	50	43	96	71
Trinidad and Tobago	48	-	35	15	6	(z)	-4	-1	-2
Uruguay	149	6	54	88	1	(z)	5	(z)	-4
Venezuela	216	6	146	139	-13	-19	-22	-19	-3
Other ⁶ and unspecified	939	-38	129	387	78	95	103	91	95
Other international organizations and unspecified areas	8,129	976	1,265	2,733	657	581	626	541	749

¹ Represents zero. ² Less than \$500,000 or net minus (-) of less than \$500,000.³ July 1, 1945, through Dec. 31, 1978; see footnote 1, table 1500.⁴ See table 1500, footnote 5. ⁵ See table 1500, footnote 7. ⁶ Includes European Productivity Agency, North Atlantic Treaty Organization, and former Organization for European Economic Cooperation.⁷ United Nations Relief and Works Agency for Palestine refugees. ⁸ Includes Caribbean Development Bank, Central American Bank for Economic Integration, Inter-American Development Bank, Organization of American States, and Pan American Health Organization.

Source: U.S. Bureau of Economic Analysis, press releases and unpublished data.

NO. 1502. U.S. FOREIGN ECONOMIC AND MILITARY AID PROGRAMS: 1946 TO 1978

[In millions of dollars. For years ending June 30 except, beginning 1977, ending Sept. 30. Economic aid shown here represents total U.S. economic aid—not just aid under Foreign Assistance Act. Major components in recent years include AID, Food for Peace, Peace Corps, and paid-in subscriptions to international financial institutions, such as IBRD, and IDB. Cumulative totals for 1946-1978 are true totals net of deobligation; annual figures, however, are gross unadjusted program figures. Military aid includes Military Assistance Program (MAP) grants, foreign military credit sales, service-funded programs, and excess defense articles]

PERIOD OR YEAR	Total economic and military aid	ECONOMIC AID			MILITARY AID		
		Total	Loans	Grants	Total	Loans	Grants
1946-1978, total.....	206,014	127,350	43,741	83,609	78,664	10,732	67,932
1946-1952.....	41,661	31,116	8,518	22,598	10,545	-	10,545
1953-1961.....	43,358	24,053	5,850	18,203	19,305	161	19,144
1962-1965.....	23,611	17,039	8,346	8,693	6,572	436	6,136
1966-1969.....	26,643	16,353	7,075	9,279	10,290	1,184	9,106
1970.....	6,568	3,676	1,389	2,288	2,892	70	2,822
1971.....	7,838	3,442	1,299	2,143	4,396	743	3,653
1972.....	9,021	3,940	1,639	2,301	5,080	550	4,530
1973.....	9,472	4,117	1,391	2,726	5,356	550	4,805
1974.....	8,510	3,906	1,150	2,756	4,604	1,396	3,208
1975.....	6,916	4,908	1,679	3,229	2,009	750	1,259
1976.....	6,412	3,878	1,759	2,119	2,535	1,442	1,093
1976, TQ ¹	2,603	1,931	840	1,091	672	494	178
1977.....	7,784	5,504	2,083	3,611	2,190	1,411	779
1978.....	8,862	6,509	2,530	3,979	2,353	1,601	752

- Represents zero. ¹ Transition quarter, July-Sept.

Source: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance From International Organizations*, annual.

NO. 1503. U.S. FOREIGN MILITARY AID, BY SELECTED COUNTRIES: 1970 TO 1978

[In millions of dollars, except percent. For years ending Sept. 30. Military aid data include Military Assistance Program (MAP) grants, foreign military credit sales, International Military Education and Training, and excess defense articles]

REGION AND COUNTRY	1970-1978			REGION AND COUNTRY	1970-1978						
	Total	Percent grants	1976, total	1977, total	1978, total	Total	Percent grants	1976, total	1977, total	1978, total	
Total.....	32,085	71.9	3,206	2,190	2,353	Latin America ¹	894.1	22.6	179.4	49.5	79.2
Near East and So. Asia ¹	11,131.6	47.2	2,188.5	1,438.0	1,480.8	Argentina.....	137.9	6.5	34.5	.7	-
Greece.....	1,000.7	37.7	224.7	156.0	175.0	Bolivia.....	49.2	65.2	14.9	3.1	.8
Iran.....	18.6	100.0	-	-	-	Brazil.....	213.8	6.4	44.8	.1	-
Israel.....	7,665.2	45.0	1,700.0	1,000.0	1,000.0	Chile.....	50.6	16.2	-	-	-
Jordan.....	716.7	58.4	137.7	130.9	127.4	Colombia.....	108.3	14.3	21.1	.7	52.2
Lebanon.....	51.4	12.5	.1	25.0	.6	Dominican Republic.....	14.1	82.3	1.9	1.5	.7
Saudi Arabia.....	15.2	13.2	-	-	-	Ecuador.....	39.7	11.8	10.6	15.4	10.7
Turkey.....	1,584.5	61.5	125.0	125.0	175.4	El Salvador.....	10.2	65.7	1.1	.5	(z)
East Asia ¹	18,521.1	90.7	655.2	352.9	452.1	Guatemala.....	22.2	53.2	2.3	.5	(z)
China:						Honduras.....	17.2	39.0	3.6	3.1	3.2
Taiwan.....	1,009.5	54.1	94.6	35.5	24.1	Mexico.....	7.0	100.0	.1	.1	.1
Dem. Kam. puchea.....	1,181.9	100.0	-	-	-	Nicaragua.....	20.4	60.8	3.8	3.1	.4
Indonesia.....	306.6	68.5	66.9	40.8	58.1	Panama.....	10.4	76.0	1.1	3.1	.5
Korea.....	3,213.5	73.3	323.7	155.0	276.9	Paraguay.....	18.2	97.8	3.5	.7	.6
Laos.....	1,008.0	100.0	-	-	-	Peru.....	81.1	9.4	21.4	10.9	8.9
Malaysia.....	118.3	3.8	17.5	36.3	17.1	Uruguay.....	38.1	52.8	3.8	-	-
Philippines.....	300.5	73.9	48.0	38.1	37.3	Venezuela.....	40.2	18.7	10.8	.1	.1
Thailand.....	660.3	84.2	103.9	47.2	38.6	Africa ¹	611.2	20.5	128.3	115.4	125.4
Vietnam.....	10,726.6	100.0	-	-	-	Ethiopia.....	120.6	70.1	7.0	2.8	-
Europe.....	596.1	59.9	4.0	170.5	165.0	Kenya.....	79.7	3.4	31.9	15.4	27.4
Italy.....	11.6	100.0	-	-	-	Liberia.....	8.9	27.0	1.8	.6	.7
Portugal.....	76.4	100.0	3.2	33.5	27.9	Morocco.....	166.7	4.1	31.1	30.8	44.2
Spain.....	508.2	52.8	.8	137.0	137.0	Tunisia.....	104.7	19.1	25.8	25.4	26.1
Zaire.....	-	-	-	-	-	Zaire.....	111.4	7.6	29.6	30.4	19.5

- Represents zero. Z Less than \$50,000.

¹ Includes amounts not shown separately. Regional totals include aid to entire regions or sub-regions.

Source: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance from International Organizations*, annual.

NO. 1504. U.S. FOREIGN AID—COMMITMENTS FOR ECONOMIC ASSISTANCE, BY REGIONS AND COUNTRIES: 1948-1978 AND 1962-1978

[In millions of dollars, except percent. Falls under economic portion of the Foreign Assistance Act. Data cover commitments for economic and technical assistance by AID and predecessor agencies. The 1948-1978 totals are on a net basis, representing total new obligations entered into during the entire period, adjusted for any deobligations. Data for 1962-1978, are on a gross basis, i.e. representing total new obligations entered into, not adjusted for deobligations of prior years' funds. See text, pp. 845 and 846.]

REGION AND COUNTRY	NET CUMULATIVE TOTAL, 1948-1978		GROSS CUMULATIVE TOTAL, 1962-1978		REGION AND COUNTRY	NET CUMULATIVE TOTAL, 1948-1978		GROSS CUMULATIVE TOTAL, 1962-1978	
	Total	Loan portion	Total	Loan portion		Total	Loan portion	Total	Loan portion
Economic assistance.	70,196	21,989	34,154	18,511	Africa	3,886	1,634	3,409	1,492
Near East and S. Asia.	19,612	10,941	14,462	9,620	Algeria	4	-	4	-
Afghanistan	338	85	257	74	Benin (Dahomey)	8	1	6	1
Bangladesh	579	155	585	156	Cameroon	40	20	40	21
Cyprus	88	-	92	2	Central African Emp.	7	-	7	-
Egypt	2,766	2,182	2,605	2,079	Chad	32	-	30	-
Greece	1,126	164	135	114	Ethiopia	266	135	230	137
India	3,849	3,383	3,051	2,918	Ghana	214	168	212	166
Iran	600	219	96	45	Guinea	48	8	53	10
Iraq	19	-	2	-	Ivory Coast	14	7	13	7
Israel	3,352	989	2,935	901	Kenya	144	83	142	84
Jordan	1,059	158	823	142	Liberia	210	96	193	98
Lebanon	98	5	41	-	Liberia	137	7	34	-
Nepal	82	(Z)	73	9	Madagascar	10	5	10	5
Pakistan	2,765	2,033	2,032	1,853	Malawi	20	9	21	10
Saudi Arabia	29	-	-	-	Mali, Republic of	55	3	51	4
Sri Lanka (Ceylon)	96	75	84	77	Morocco	388	342	189	154
Syria	353	329	374	350	Niger	36	3	34	3
Turkey	2,117	1,129	1,081	881	Nigeria	310	83	349	120
Yemen Arab Rep.	62	1	63	1	Rhodesia	7	5	2	-
Central Treaty Org.	56	16	34	18	Senegal	39	-	35	1
Regional.	173	18	100	-	Sierra Leone	16	-	17	-
Latin America.	7,220	5,056	6,981	5,287	Somalia	66	16	61	17
Argentina	137	120	143	126	Sudan	93	24	69	34
Bolivia	569	311	433	312	Tanzania	97	29	98	28
Brazil	1,391	1,185	1,480	1,311	Togo	9	-	8	-
Chile	684	584	644	607	Tunisia	367	211	255	177
Colombia	920	843	990	925	Uganda	36	10	44	17
Costa Rica	134	99	120	93	Upper Volta	32	-	26	-
Dominican Republic	354	205	376	225	Zaire	344	128	254	130
Ecuador	170	99	154	97	Zambia	41	35	36	30
El Salvador	110	64	106	67	Regional:				
Guatemala	266	124	182	114	Central and W. Africa	147	59	189	74
Guyana	105	83	108	86	East Africa	34	4	37	4
Haiti	141	28	101	27	Southern Africa	147	64	149	65
Honduras	184	122	166	117	Africa	366	68	375	82
Jamaica	87	68	88	70	Other	107	11	108	13
Mexico	78	66	70	67	Europe	15,822	2,274	618	399
Nicaragua	214	174	206	170	Austria	726	-	-	-
Panama	272	205	259	202	Belgium-Luxembourg	560	68	-	-
Paraguay	110	57	84	44	Denmark	281	33	-	-
Peru	275	177	251	173	France	3,190	226	-	-
Trinidad and Tobago	39	-	34	-	Germany:				
Uruguay	80	61	82	62	Berlin (West)	119	-	1	-
Venezuela	72	55	57	40	Federal Rep. of	1,472	217	-	-
ROCAP ²	275	224	276	222	Iceland	60	25	(Z)	-
East Caribbean Reg.	87	81	89	83	Ireland	147	128	-	-
Regional.	480	19	479	49	Italy	1,696	96	46	-
Other.	8	1	3	1					
East Asia.	14,889	2,001	8,684	1,652	Malta	75	5	76	5
Burma	60	34	22	8	Netherlands	992	153	-	-
China: Taiwan	1,366	212	70	62	Norway	277	39	-	-
Dem. Kampuchea	550	-	379	-	Poland	61	61	-	-
Indochina, undistrib.	826	-	-	-	Portugal	486	429	435	393
Indonesia	1,058	744	873	717	Romania	12	-	12	-
Japan	22	-	1	-	Spain	603	99	45	-
Korea	3,042	482	1,080	502	Sweden	107	20	-	-
Laos	875	-	643	-	United Kingdom	3,835	355	-	-
Malaysia	20	20	-	-	Yugoslavia	574	188	3	(Z)
Philippines	678	290	431	246	Regional	551	103	-	-
Thailand	623	82	419	61					
Vietnam	5,466	128	4,490	50					
East Asia Regional	303	10	277	5					
					Non-Regional	8,767	83	7,376	61

See footnotes at end of table.

No. 1504. U.S. FOREIGN AID—COMMITMENTS FOR ECONOMIC ASSISTANCE, BY REGIONS AND COUNTRIES (continued): 1975 TO 1978

[In millions of dollars, except percent. For years ending Sept. 30, except as indicated. See text, pp. 845 and 846, and headnote, p. 858.]

REGION AND COUNTRY	GROSS CUMULATIVE TOTAL, 1975-1978		1976, total ¹	1977, total	1978, total	REGION AND COUNTRY	GROSS CUMULATIVE TOTAL, 1975-1978		1976, total ¹	1977, total	1978, total
	Total	Percent loan					Total	Percent loan			
Ec. assistance	13,434	41.0	2,333	3,181	4,086	East Asia	924	40.3	134	105	150
Near East and S. Asia ²	6,943	54.7	1,189	1,838	1,997	Dem.	55	—	—	—	—
Afghanistan	49	20.4	6	20	5	Kampuchea	226	77.4	50	42	74
Bangladesh	256	51.1	27	62	95	Indonesia	26	92.3	6	(Z)	—
Cyprus	88	—	10	18	15	Korea	24	—	—	—	—
Egypt	2,498	79.6	265	699	751	Laos	205	75.6	54	35	53
Greece	65	100.0	—	—	—	Philippines	38	50.0	13	13	8
India	80	97.5	—	—	60	Thailand	194	—	2	—	1
Israel	2,640	28.5	700	735	785	Vietnam	157	—	10	15	15
Jordan	383	28.7	46	70	98	East Asia Reg.	951	29.7	134	232	363
Nepal	23	—	3	7	10	Africa ²	17	47.1	1	3	12
Pakistan	325	84.3	108	71	20	Central African Empire	3	—	1	1	1
Sri Lanka (Ceylon)	62	91.9	10	21	23	Chad	24	—	(Z)	7	11
Syria	348	93.6	17	80	90	Ethiopia	29	24.1	6	1	5
Turkey	2	—	—	—	1	Ghana	29	34.5	12	5	7
Yemen Arab Rep.	32	3.1	4	16	7	Guinea	3	—	(Z)	1	2
Central Treaty Organization	3	—	1	1	1	Kenya	81	71.6	4	30	30
Regional	50	—	2	19	20	Liberia	40	52.5	3	19	5
Latin America	964	67.3	238	190	228	Mali	37	—	3	10	10
Bolivia	114	85.9	22	36	34	Morocco	36	58.3	14	2	10
Brazil	5	—	1	1	—	Niger	25	—	7	7	11
Chile	53	94.3	21	1	(Z)	Nigeria	7	—	—	—	—
Colombia	36	86.1	14	1	—	Senegal	26	—	1	9	9
Costa Rica	21	81.0	7	6	7	Sierra Leone	4	—	(Z)	1	3
Dominican Rep.	24	83.8	16	1	1	Somali Rep.	4	—	—	—	3
Ecuador	3	—	—	—	1	Tanzania	49	24.5	7	7	17
El Salvador	14	42.9	2	3	8	Tunisia	36	44.4	3	11	20
Guatemala	61	60.7	29	14	5	Upper Volta	22	—	1	3	11
Guyana	34	94.1	2	6	25	Zaire	51	70.6	13	20	10
Haiti	54	24.1	9	21	9	Regional:					
Honduras	63	76.2	15	8	13	Central and West Africa	69	40.6	16	9	10
Jamaica	31	80.6	1	18	12	East Africa	3	—	1	1	1
Nicaragua	72	90.3	17	1	13	South. Africa	93	22.6	5	43	39
Panama	70	90.0	23	14	21	Africa	133	3.8	33	35	39
Paraguay	16	43.8	4	2	2	Europe ²	557	70.6	45	88	352
Peru	62	83.9	13	17	22	Italy	46	—	1	3	23
Uruguay	14	85.7	1	1	—	Malta	43	—	10	10	10
ROCAP ³	29	69.0	2	3	2	Portugal	435	90.3	35	65	300
East Caribbean Regional	56	91.1	17	7	24	Spain	20	—	—	10	7
Regional	133	3.0	24	30	31	Non-Regional	3,094	(Z)	592	728	997

[—] Represents zero. ^Z Less than \$500,000 or .05 percent. ¹ Includes transition quarter, July 1 to Sept. 30, 1976.

² Includes countries not shown separately.

³ Regional programs covering Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, and Panama.

Source: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance from International Organizations*, annual; and unpublished data.

NO. 1505. EXPORTS FINANCED BY FOREIGN AND AGRICULTURAL AID: 1960 TO 1978
[In millions of dollars, except percent. See headnote, table 1502]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978
Total exports ¹	20,575	27,478	43,224	71,339	98,507	107,592	114,992	121,212	143,660
Exports financed under F.A.A. and P.L. 480 ²	2,635	3,242	2,543	1,928	1,991	2,351	1,939	1,938	2,217
Percent of total	13.0	11.8	5.9	2.7	2.0	2.2	1.7	1.6	1.5
Loans and grants (AID)	432	1,140	957	657	570	665	671	802	988
Military grant-aid	949	779	565	516	599	461	190	62	85
Agricultural aid (P.L. 480)	3,1304	3,1323	1,021	755	822	1,226	1,078	1,074	1,144
Sales for foreign currencies	1,014	899	276	4	—	—	—	—	—
Donations	173	253	255	209	315	302	307	368	350
Long-term dollar and convertible foreign currency credit sales	—	152	490	542	507	924	771	706	794

[—] Represents zero. ¹ Beginning 1970, includes silver ore and bullion. ² Foreign Assistance Act and Public Law 480; see table 1228. ³ Includes barter for strategic materials.

Source: U.S. Industry and Trade Administration, *Overseas Business Reports*, *U.S. Foreign Trade*, annual.

NO. 1506. EXPORTS AND IMPORTS OF MERCHANDISE: 1960 TO 1978

[In millions of dollars, except per capita and percent. Beginning 1970, includes silver ore and bullion. Beginning 1977, includes shipments of nonmonetary gold. For basis of dollar values, see text, pp. 846 and 847. "Special Category" commodities are grouped separately for security reasons. See also *Historical Statistics, Colonial Times to 1970*, series U 190-195 and U 207-212.]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Domestic and foreign exports¹	20.6	27.5	43.2	49.8	71.3	98.5	107.6	115.0	121.2	143.7
Domestic	20.4	27.1	42.6	49.0	70.2	97.1	106.1	113.3	119.0	141.2
Per capita ²	dol.	111	138	206	235	334	458	497	527	646
Annual percent change ³		16.8	3.7	13.7	12.6	43.4	38.3	9.2	6.8	5.0
Foreign (initially imports)		2	3	.6	8	1.1	1.4	1.5	1.7	2.2
Total, excl. Special Category	19.7	26.2	41.9	48.6	69.8	96.4	104.6	112.4	117.9	139.2
Special Category	.8	1.2	1.4	1.2	1.6	2.1	3.0	2.6	3.2	4.5
Total, excl. M.A.P. ⁴ Grant-Aid shipments	19.6	26.7	42.7	49.2	70.8	97.0	107.1	114.8	121.2	143.6
M.A.P. ⁴ Grant-Aid shipments ⁵	.9	.8	.6	.6	.5	.6	.5	.2	.6	.9
General imports⁶	14.7	21.4	40.0	55.6	69.5	101.0	96.9	120.7	147.7	172.0
Per capita ²	dol.	80	108	193	286	328	477	454	566	681
Annual percent change ³		-3.6	14.4	10.8	21.9	25.0	45.4	-4.1	25.7	22.4
Merchandise trade balance	5.0	5.3	2.7	-6.3	1.3	-3.1	10.2	-5.9	-26.5	-28.5
Imports for consumption⁷	14.7	21.3	39.8	55.3	69.0	100.1	96.5	121.1	147.1	173.0
Per capita ²	dol.	80	108	192	265	326	473	452	563	682
Free		5.8	7.4	13.9	18.9	28.3	52.1	31.0	37.2	51.8
Percent of total		39	35	35	34	41	52	32	31	30
Dutiable		8.9	13.8	25.9	36.4	40.8	48.1	65.5	83.9	103.4
Duties calculated	1.1	1.6	2.6	3.1	3.6	3.8	3.8	4.7	5.5	7.2
Percent of imports	7.4	7.7	6.5	5.7	5.2	3.8	3.9	3.9	3.7	5.9

NA. Not available.

¹ Includes "Special Category" items.

² Based on estimated population including Armed Forces abroad as of July 1, except 1970 as of April 1.

³ From previous year. (For 1960, from 1959; 1965 from 1964, etc.)

⁴ M.A.P. = Military Assistance Program.

⁵ Represent shipments only from U.S. and may differ from U.S. Dept. of Defense figures because of differences in statistical definitions. ⁶ Prior to 1976, customs value basis; thereafter, f.a.s. value basis.

⁷ Customs value basis.

Source: U.S. Bureau of the Census. For 1960, *Foreign Commerce and Navigation of the United States*; thereafter, *Highlights of U.S. Export and Import Trade*, FT 990, monthly; *U.S. Imports, General and Consumption, Schedule A Commodity and Country*, FT 135, monthly; *U.S. Exports, Schedule B Commodity and Country*, FT 410, monthly; and unpublished data.

NO. 1507. MERCHANTISE TRADE—BALANCE OF PAYMENTS BASIS: 1960 TO 1978

[In billions of dollars. Adjusted to balance of payments basis, from basic data of U.S. Bureau of the Census]

ITEM	1960	1965	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978, prel.
Exports	19.7	26.5	36.4	42.5	43.3	49.4	71.4	98.3	107.1	114.7	120.8	141.9
Imports	-14.8	-21.5	-35.8	-39.9	-45.6	-55.8	-70.5	-103.7	-98.0	-124.1	-151.7	-176.1
Balance	4.9	5.0	.6	2.6	-2.3	-6.4	.9	-5.4	9.0	-9.3	-30.9	-34.2

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1979.

NO. 1508. EXPORT AND IMPORT UNIT VALUE INDEXES—SELECTED COUNTRIES: 1960 TO 1978

[Indexes in U.S. dollars, 1975=100. A unit value is an implicit price derived from value and quantity data]

COUNTRY AND ITEM	1960	1965	1968	1969	1970	1971	1972	1973	1974	1976	1977	1978
United States: Export	46	49	52	54	57	59	60	70	89	104	108	119
Import	40	40	42	43	46	49	52	62	93	103	112	121
Japan: Export	57	49	50	52	55	58	65	78	100	99	109	134
Import	38	38	38	37	40	41	44	56	95	103	110	116
France: Export	43	46	47	48	49	52	58	72	84	98	105	120
Import	46	46	46	46	48	50	55	67	91	99	108	118
Germany: Export	40	44	44	46	51	55	60	75	89	100	110	126
Import	45	47	47	48	52	54	58	74	95	101	111	123
Italy: Export	48	48	47	49	51	54	60	70	88	94	107	
Import	37	38	39	40	41	43	48	61	95	98	108	
United Kingdom: Export	47	51	50	51	57	61	66	72	86	98	112	134
Import	42	43	43	44	57	58	62	74	93	99	111	126
Canada: Export	49	47	51	52	56	58	61	69	94	106	104	106
Import	53	54	56	58	61	64	67	71	90	104	108	112

¹ Average for first three quarters.

Source: International Monetary Fund, *International Financial Statistics*, monthly.

NO. 1509. EXPORTS AND IMPORTS—INDEXES OF TOTAL VALUE, UNIT VALUE (AVERAGE PRICE), AND QUANTITY: 1971 TO 1978

[1967 average=100. See headnote, table 1507. See also *Historical Statistics, Colonial Times to 1970*, series U 225-248]

ECONOMIC CLASS	INDEX OF EXPORTS OF U.S. MERCHANDISE						INDEX OF GENERAL IMPORTS					
	1971- 1973, avg.	1974	1975	1976	1977	1978, prel.	1971- 1973, avg.	1974	1975	1976	1977	
Total value.....	175.2	315.0	344.7	369.1	384.7	460.3	211.5	375.6	360.4	452.9	541.9	644.4
Foods: Crude.....	195.4	400.2	454.8	440.0	363.9	490.2	152.1	187.8	183.8	263.7	356.6	365.5
Manufactured.....	164.4	262.9	264.5	298.5	335.6	416.6	179.1	245.8	236.4	249.2	268.2	322.8
Materials, crude.....	178.5	338.5	330.5	358.5	424.4	475.3	157.9	539.5	633.5	863.6	1,099.1	1,082.4
Manufactures:												
Semi.....	156.6	316.2	285.5	310.7	314.6	421.2	190.5	394.8	309.8	366.5	447.9	521.7
Finished.....	177.3	303.2	358.0	381.3	401.8	466.6	250.9	369.5	354.5	441.3	505.0	676.9
Unit value.....	123.1	174.5	195.1	202.1	210.2	231.5	130.7	223.3	241.2	248.8	269.9	291.3
Foods: Crude.....	123.2	242.7	242.5	219.0	189.1	204.1	131.3	173.0	168.0	230.0	364.8	340.9
Manufactured.....	136.5	209.4	200.5	184.1	200.9	217.8	132.2	204.5	216.2	187.4	177.0	197.7
Materials, crude.....	135.6	227.5	250.7	256.2	283.6	287.8	118.4	349.1	364.8	393.7	424.4	435.7
Manufactures:												
Semi.....	109.2	195.6	198.7	188.0	196.9	209.3	128.0	275.4	280.0	275.8	304.6	324.7
Finished.....	123.3	149.3	176.4	192.0	201.9	228.5	133.8	186.1	211.4	215.7	227.9	256.2
Quantity.....	140.9	180.5	176.7	182.7	183.1	198.8	160.8	168.2	149.4	182.1	200.8	221.2
Foods: Crude.....	149.2	164.9	187.5	200.9	192.3	240.2	115.8	108.6	109.4	114.7	97.7	107.2
Manufactured.....	120.1	125.6	131.9	162.2	167.0	191.3	134.7	132.2	109.2	133.0	151.5	163.2
Materials, crude.....	129.9	148.6	131.8	139.9	149.6	165.1	131.4	154.5	174.3	219.4	259.0	248.4
Manufactures:												
Semi.....	141.8	161.6	143.7	165.3	159.7	201.2	147.9	143.4	110.7	132.9	147.0	160.7
Finished.....	143.2	203.0	200.3	198.5	199.0	204.2	186.3	198.6	167.7	204.6	221.6	264.2

Source: U.S. Bureau of the Census, *Indexes of U.S. Exports and Imports by Economic Class, 1919-1971*, and unpublished data.

NO. 1510. EXPORTS OF LEADING COMMODITIES—VALUE, BY AREAS: 1976 AND 1978

[In millions of dollars, except percent. Includes nonmonetary gold]

COMMODITY	1977					1978				
	Total ¹	Canada	Amer- ican Repu- blics	West- ern Eu- rope ²	Far East ³	Total ¹	Canada	Amer- ican Repu- blics	West- ern Eu- rope ²	Far East ³
Total.....	121,212	25,788	16,371	34,760	21,398	143,660	28,372	20,183	39,936	27,216
Percent.....	100.0	21.3	13.5	28.7	17.7	100.0	19.8	14.0	27.8	18.9
Agricultural commodities:										
Grains and preparations ⁴	8,755	110	880	2,416	2,426	11,634	101	1,478	2,152	3,411
Fruits, nuts, vegetables.....	1,597	549	94	510	293	1,889	590	107	552	453
Tobacco, unmanufactured.....	1,094	4	30	485	415	1,358	4	36	766	407
Soybeans.....	4,393	97	127	2,508	1,240	5,210	97	232	2,928	2,169
Cotton, excl. linters, waste.....	1,530	68	4	219	1,160	1,740	65	7	205	1,395
Nonagricultural:										
Ores and scrap, metal.....	1,200	185	91	548	410	1,839	235	110	624	748
Coal, coke, and briquettes.....	2,730	792	212	709	938	2,123	751	150	539	635
Petroleum products.....	1,280	349	159	419	178	1,561	543	210	410	197
Chemicals.....	10,812	1,574	2,348	3,719	1,948	12,618	1,739	2,679	4,275	2,488
Machinery ⁵	32,556	6,865	5,543	8,833	4,411	38,022	7,707	6,710	10,521	5,490
Agricultural machines, tractors, parts ⁶	2,780	1,012	562	527	133	3,160	1,135	669	610	203
Road motor vehicles ⁷	10,690	7,143	1,326	630	286	12,016	7,466	1,726	718	402
Automotive parts ⁸	4,673	3,461	535	291	95	5,682	3,978	957	279	128
Aircraft, civilian, and parts for all aircraft.....	4,680	201	392	1,408	980	5,907	366	576	2,140	1,253
Pulp, paper, and manufactures.....	2,564	430	489	871	429	2,608	440	473	862	638
Metals and manufactures.....	5,149	1,627	918	1,069	447	6,101	1,772	1,103	1,158	642
Iron and steelmill products ⁹	1,608	605	354	201	122	1,644	433	464	207	187
Textile yarn, fabrics, and made-up articles.....	1,970	521	299	651	138	2,225	539	387	715	184
Other (incl. Special Category).....	30,122	5,273	3,459	9,765	5,699	36,809	5,907	4,199	11,371	7,504

¹ Includes areas not shown separately. ² Includes Greece and Turkey. ³ Asia, excluding Near East.⁴ Includes shipments for relief by individuals and private agencies. ⁵ Excludes "Special Category."⁶ Includes parts for tractors. ⁷ Excludes parts for tractors. ⁸ Nonmilitary. ⁹ Excludes pig iron.

NO. 1511. EXPORTS AND IMPORTS OF MERCANDISE, BY CONTINENTS, AREAS, AND COUNTRIES: 1965 TO 1978

In millions of dollars, except percent. Beginning 1970, includes silver ore and bullion. See *Historical Statistics, Colonial Times to 1970*, series U 317-352, for selected countries.

CONTINENT, AREA,
AND COUNTRYEXPORTS, DOMESTIC AND FOREIGN¹GENERAL IMPORTS²

	EXPORTS, DOMESTIC AND FOREIGN ¹										GENERAL IMPORTS ²						
	1965	1970	1973	1974	1975	1976	1977	1978	1965	1970	1973	1974	1975	1976	1977	1978	
Total ³	27,478	43,224	47,139	49,507	50,592	4114,992	4121,212	4143,660	21,366	39,952	49,476	4100,997	436,902	4120,678	4147,671	4172,026	
Developed countries ⁵	18,315	29,877	47,209	63,020	64,780	70,614	74,891	85,588	14,067	20,259	48,530	60,475	56,700	66,986	78,620	98,916	
Percent of total	66.7	69.1	66.2	64.0	60.2	61.4	61.7	59.5	66.3	73.2	69.9	55.5	55.2	53.2	57.5	57.5	
Developing countries ⁶	9,023	12,983	20,963	32,685	39,215	40,364	43,307	52,888	7,145	10,442	20,312	39,500	39,311	52,928	67,703	71,183	
Communist areas, total	140	354	2,491	2,240	3,092	3,160	2,716	4,504	142	227	593	1,307	891	1,069	1,336	1,832	
Africa	1,229	1,580	2,306	3,659	4,949	5,246	5,546	5,886	878	1,113	2,157	2,621	2,899	19,644	17,024	16,988	
Asia	6,012	10,027	18,419	25,725	28,223	26,729	31,436	39,628	4,828	6,921	18,621	27,532	27,532	39,307	49,312	58,300	
Oceania	956	1,189	1,744	2,687	2,340	2,877	3,462	453	871	1,562	1,505	1,505	1,508	1,728	1,728	2,351	
Europe	9,364	14,817	23,161	30,070	32,732	35,161	37,304	43,615	6,292	11,385	19,812	24,625	21,628	23,640	28,802	35,987	
North America	7,742	12,367	20,175	27,889	30,040	32,479	34,407	38,348	6,579	12,970	22,810	31,755	30,976	35,984	40,967	47,173	
South America	2,175	3,244	4,558	8,803	8,595	9,272	10,860	2,824	2,958	4,512	8,975	7,232	7,611	9,343	10,308	10,308	
West Hemisphere	9,917	15,612	25,033	35,746	38,843	41,074	43,751	50,389	9,203	16,928	27,322	40,710	38,209	43,356	50,697	56,481	
Canada	5,643	9,079	15,104	19,936	21,744	24,106	25,788	28,372	4,832	11,002	17,715	22,151	22,236	26,237	29,599	33,529	
20 Latin American countries	3,788	5,605	8,921	14,501	15,655	15,487	16,371	20,183	3,675	4,779	7,827	13,679	11,847	18,228	16,450	18,560	
Other W. Hemisphere	487	887	1,008	1,444	1,444	1,481	1,592	1,885	696	1,057	1,800	4,745	4,210	3,801	4,648	4,391	
Central American Common Market	341	425	621	1,032	968	1,163	1,478	1,572	279	416	686	788	810	1,208	1,580	1,478	
Costa Rica	61	95	120	232	212	255	232	335	57	117	142	170	179	233	285	293	
El Salvador	61	64	111	202	194	232	314	366	48	87	119	161	182	287	450	293	
Guatemala	96	100	148	240	255	324	377	388	67	87	168	211	173	298	405	342	
Honduras	54	89	103	159	151	162	228	288	72	103	150	145	216	316	355	330	
Nicaragua	69	77	109	169	166	223	184	36	61	109	97	131	181	181	183	211	
Latin American Free Trade Association	3,224	4,885	7,708	12,569	13,773	13,395	13,920	17,486	3,205	4,071	6,703	12,200	10,100	11,208	13,906	16,199	
Argentina	268	441	451	697	628	731	842	122	172	278	381	215	308	392	392	363	
Bolivia	46	48	443	108	138	183	214	208	31	25	102	89	114	167	167	160	
Brazil	348	840	1,916	3,088	3,056	2,809	2,490	2,978	512	670	1,189	1,705	1,467	1,737	2,831	2,831	
Chile	237	300	248	482	533	508	520	725	209	107	102	311	138	222	273	385	
Colombia	198	395	437	659	643	703	782	1,046	277	269	409	617	596	655	819	1,044	
Ecuador	80	127	173	326	410	415	565	609	106	109	185	473	465	539	621	741	
Mexico	1,106	1,704	2,937	4,885	5,141	4,980	4,822	6,681	638	1,219	2,306	3,386	3,066	3,568	4,694	6,098	
Paraguay	16	18	25	30	33	38	51	90	13	11	21	21	19	20	24	51	
Peru	282	214	415	647	896	973	500	501	241	341	375	609	397	379	513	654	
Uruguay	20	41	42	51	54	74	90	36	19	13	16	13	16	62	87	123	
Venezuela	626	759	1,033	1,768	2,243	2,628	3,172	3,277	1,018	1,082	1,787	4,679	3,625	3,574	4,084	3,565	
Other Latin America	222	385	592	900	914	940	973	1,116	191	292	438	691	937	812	964	883	
Cuba	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	
Dominican Republic	76	143	229	410	453	432	424	473	111	184	308	471	634	112	637	537	
Haiti	21	34	77	125	144	150	203	204	20	32	438	60	107	148	168	193	
Panama	125	286	286	317	358	364	317	346	346	76	67	108	108	108	108	108	

Other W. Hemisphere	837	1,008	1,309	1,444	1,481	1,592	1,835	696	1,057	1,780	4,745	4,210	3,891	4,648	4,391	
Bahamas	107	173	206	233	208	199	224	284	290	961	880	670	1,058	977	977	
Barbados	9	22	34	38	36	49	59	79	9	961	834	30	32	33	39	
Bermuda	44	92	52	63	63	79	87	109	1	2	2	4	5	5	14	
British Honduras																
Belize, 1975	8	11	12	19	26	23	31	41	7	14	30	34	13	5	4	
French West Indies	11	16	19	33	26	32	34	47	9	1	1	1	5	20	29	
Greenland	(x)	1	2	6	8	4	3	1	4	8	4	7	8	17	20	
Guyana																
Jamaica	20	25	41	66	89	95	62	54	21	43	45	83	87	54	61	
Leeward & Windward Is.	87	218	268	337	381	295	271	289	125	187	176	233	307	312	345	
Netherlands Antilles	13	32	34	41	41	58	65	79	79	6	27	15	1,174	1,292	1,252	
Surinam	75	126	159	188	228	286	304	377	319	416	738	2,018	1,569	1,119	137	
Trinidad and Tobago	36	36	44	73	98	119	115	115	33	56	64	73	108	87	145	
Other	75	84	133	192	256	306	330	142	232	27	30	410	1,273	1,171	1,677	
Western Europe	9,224	14,463	21,360	28,637	29,945	32,356	34,760	39,936	6,155	11,169	19,286	23,734	20,892	22,759	27,669	36,485
OECD ⁶	9,066	14,279	21,095	28,287	29,575	32,048	34,346	39,412	6,091	11,070	19,114	23,460	20,627	22,398	27,210	36,074
European Econ. Com. ⁷	7,145	11,298	16,747	22,069	22,865	25,469	27,092	32,051	4,932	9,222	15,607	19,206	16,333	17,884	22,400	29,069
Belgium and Luxembourg	650	1,136	1,623	2,254	2,417	2,986	3,138	3,663	494	1,273	1,683	1,199	1,119	1,463	1,762	1,603
Denmark	209	227	404	360	445	444	532	585	147	284	460	477	464	560	583	604
France	971	1,483	2,443	2,638	2,942	3,031	3,446	4,166	615	942	1,732	2,305	2,164	2,509	3,032	4,054
Germany, Fed. Rep. of	1,650	2,741	3,756	4,985	5,194	5,731	5,989	6,937	1,341	3,127	5,345	6,450	5,410	5,562	7,235	9,981
Ireland	69	112	159	193	190	260	378	557	58	135	204	247	178	201	236	320
Italy	891	1,353	2,118	2,762	3,071	2,790	3,360	3,701	620	1,316	2,002	2,633	2,457	2,630	3,137	4,103
Netherlands	1,088	1,651	2,160	3,978	4,193	4,633	4,812	5,683	251	528	934	1,449	1,089	1,080	1,488	1,603
Trieste, Free Territory of	2	(x)	(x)	(x)	(x)	(x)	(x)	(x)	1	1	(x)	(x)	(x)	(x)	(x)	(x)
United Kingdom	1,615	2,536	3,664	4,674	5,427	4,801	5,951	7,119	1,405	2,194	3,657	4,023	3,773	4,254	5,141	6,513
Other O.E.C.D.	1,921	2,981	4,348	6,199	6,639	7,554	7,361	1,159	1,848	3,507	4,256	3,894	4,563	5,102	7,005	10,07
Austria	58	74	118	148	181	197	245	260	260	120	230	447	243	237	281	407
Finland	76	99	138	201	261	243	195	215	84	114	179	212	149	189	280	368
Greece	172	203	375	488	450	591	539	669	44	52	93	118	110	146	174	107
Iceland	18	13	26	38	32	35	36	39	20	47	78	75	86	124	174	110
Norway	140	196	296	498	510	500	541	558	124	142	263	311	403	651	766	1,191
Portugal	75	126	232	407	427	400	551	525	66	92	195	241	167	128	146	179
Spain	472	712	1,319	1,899	2,164	2,030	1,875	1,884	133	363	762	899	836	914	971	1,285
Sweden	336	563	542	908	925	1,020	1,091	1,091	243	399	757	858	887	918	998	1,328
Switzerland	369	700	960	1,150	1,153	1,749	1,732	2,030	1,091	917	992	979	1,025	1,180	1,320	1,515
Turkey	205	315	347	493	608	451	424	358	83	70	(x)	(x)	146	222	1,148	(x)
Special category																
Other West. Europe	158	183	267	370	369	348	414	524	65	99	176	274	265	392	359	411
Yugoslavia	149	168	236	310	328	298	357	475	61	96	170	288	261	385	347	395
Other & Spec. Category	9	15	31	60	41	57	48	51	3	3	6	4	4	6	4	16

See footnotes at end of table.

CONTINENT, AREA, AND COUNTRY	EXPORTS, DOMESTIC AND FOREIGN ¹										GENERAL IMPORTS ²						
	1965	1970	1973	1974	1975	1976	1977	1978	1965	1970	1973	1974	1975	1976	1977	1978	
Communist areas in Europe	140	354	1,801	1,433	2,787	3,504	2,544	3,679	137	226	526	891	731	856	1,132	1,503	
Bulgaria	4	15	6	22	30	43	24	48	2	24	5	8	20	27	18	19	
Czechoslovakia	28	23	72	49	63	149	75	106	17	35	46	31	37	37	58	55	
Germany, Dem. Rep.	12	33	28	22	17	65	36	170	7	9	11	14	11	14	17	35	
Hungary	9	28	33	56	76	63	81	99	2	6	17	75	35	48	46	68	
Poland	35	70	350	386	623	439	680	66	98	183	266	233	310	324	334	334	
Romania	6	66	117	278	191	250	260	319	2	13	36	131	133	197	232	345	
Union of Soviet Socialist Republics	45	119	1,194	608	2,310	1,836	2,310	2,252	43	72	220	350	205	220	453	540	
Other	(x)	(x)	1	1	2	1	1	5	(x)	1	1	1	1	3	5	4	
Asia	6,012	10,027	18,419	25,755	28,223	29,729	31,436	39,628	9,621	18,157	24,528	27,522	27,252	39,367	49,312	58,300	
Japan	2,080	4,652	8,313	10,679	9,563	10,145	10,529	12,885	2,414	5,875	9,676	12,456	11,495	15,504	18,550	24,458	
Communist areas	(x)	690	807	305	1,136	1,175	1,826	2,826	2,414	3,745	8,677	11,116	15,667	20,203	20,204	32,229	
Other Asia	3,932	5,375	9,416	14,300	18,356	19,448	20,736	25,918	2,110	3,444	8,414	14,950	15,667	23,660	30,558	33,514	
Near East Asia	831	1,346	2,815	5,102	8,263	10,038	12,412	157	376	348	1,371	4,971	5,401	9,011	12,849	11,812	
Bahrain	10	12	41	772	1,734	2,344	2,731	3,884	2	8	17	61	100	30	75	29	
Iraq	195	326	22	56	310	382	2,772	2,731	311	384	88	343	2,136	1,398	1,480	2,802	
Israel	49	224	92	962	1,206	1,551	1,447	1,925	62	150	20	16	119	119	391	243	
Jordan	27	63	79	105	195	234	302	203	(x)	(x)	269	280	314	423	572	719	
Kuwait	66	62	120	209	366	412	366	745	47	25	65	13	111	38	3	50	
Lebanon	75	64	162	287	368	49	124	142	6	106	20	515	330	5	42	15	
Saudi Arabia	137	141	442	835	1,502	2,774	3,576	4,370	106	134	143	2	6	5,213	6,347	5,307	
Syria	13	11	21	40	128	273	308	322	41	61	109	2	7	7	10	16	
Other	35	52	160	322	508	550	550	694	41	61	109	109	178	996	1,702	2,395	
East and South Asia	3,100	4,030	6,601	9,198	10,096	10,213	10,697	13,506	1,735	3,387	7,048	10,279	10,267	14,649	17,710	21,702	
Afghanistan ¹⁰	14	10	14	10	19	13	13	13	17	12	4	3	4	8	12	15	
Burma ¹¹	14	11	4	5	10	13	13	13	29	1	1	2	2	2	1	1	
China, Taiwan	234	627	1,170	1,427	1,659	1,635	1,798	2,340	93	549	1,784	2,107	1,946	2,989	3,671	5,182	
Hong Kong	191	406	740	882	808	1,117	1,292	1,625	343	944	1,450	1,637	1,573	2,413	2,778	3,474	
India ¹²	928	572	527	750	1,290	1,136	1,770	948	348	298	437	561	549	705	775	980	
Indonesia	42	266	442	531	810	1,035	1,763	2,751	166	182	506	1,693	2,222	3,004	3,475	3,607	
Khmer Rep. (Cambodia)	2	1,442	1,530	1,666	2,015	2,371	2,371	2,371	(x)	974	1,460	1,442	2,404	(x)	2,883	3,747	
Korea, Republic of	274	643	1,237	1,546	1,762	2,015	2,371	3,100	54	370	1	1	1	1	1	1	
Lao ¹³	9	8	10	19	4	(x)	(x)	(x)	1	(x)	440	775	772	940	1,318	1,519	
Malaysia	91	67	157	377	393	536	561	728	212	270	440	440	61	49	70	84	
Pakistan ¹⁴	336	325	239	396	372	394	233	496	445	80	472	472	1,091	755	1,110	2,007	
Philippines	349	373	495	747	832	818	876	1,040	369	462	670	670	553	695	883	1,103	
Singapore	(x)	240	684	988	994	965	1,172	1,462	(x)	81	467	467	534	534	883	1,103	
Sri Lanka ¹⁵ (Ceylon)	10	12	23	35	37	53	33	63	26	30	41	10	141	40	67	61	
Thailand ¹⁶	107	150	255	369	357	510	629	41	10	186	217	276	276	(x)	346	439	
Vietnam, South	352	314	675	723	347	(x)	(x)	(x)	151	205	216	151	1	3	8	207	
Other & Spec. Category ⁹	64	801	301	648	468	468	263	145	145	14	16	101	98	149	214	282	

Oceania	956	1,189	1,744	2,697	2,340	2,690	2,877	3,462	453	871	1,562	1,505	1,508	1,671	1,728	2,351
Australia	707	986	1,429	2,157	1,815	2,185	2,356	2,910	311	611	1,067	1,044	1,147	1,211	1,185	1,659
New Zealand & W. Samoa	133	25	248	464	411	417	405	409	150	222	348	348	245	330	337	528
Other	68	86	56	114	88	116	116	143	12	38	85	116	116	130	130	165
Africa	1,229	1,580	2,306	3,659	4,949	5,206	5,546	5,836	878	1,113	2,583	6,621	8,259	12,644	17,121	16,898
Algeria	21	62	161	315	632	487	507	374	8	10	215	1,091	1,359	2,209	3,104	3,482
Angola	13	38	62	53	35	35	38	32	68	68	167	378	425	264	227	312
Cameroun, Fed. Rep. of	7	19	15	20	51	54	52	52	13	25	30	27	18	24	38	76
Central African Republic	1	1	3	1	1	1	1	1	10	6	8	7	5	2	4	7
Egypt	188	77	225	455	683	810	982	1,134	162	23	64	67	79	93	170	106
Ethiopia	22	26	25	33	70	73	88	24	64	67	79	64	49	94	94	96
Gabon	5	7	19	33	69	46	30	97	11	9	12	162	167	190	229	183
Ghana	36	59	63	77	100	133	146	125	59	91	90	126	161	155	214	214
Ivory Coast	11	24	34	39	49	49	43	43	73	89	93	92	92	157	248	300
Kenya	39	46	46	46	90	90	85	77	138	13	23	26	39	36	60	415
Liberia	65	108	104	139	282	277	314	275	91	51	51	72	96	96	99	92
Liberia	65	108	104	139	282	277	314	275	91	51	51	72	96	96	99	106
Madagascar Republic	4	7	15	7	15	7	7	7	9	29	39	216	1	1,045	2,243	3,176
Mauritania	4	4	9	11	14	19	19	9	12	1	32	40	60	46	60	76
Morocco	56	89	113	184	200	297	372	406	6	10	14	(x)	(x)	(x)	(x)	1
Mozambique	9	22	32	32	18	13	13	20	7	18	34	45	36	41	22	44
Nigeria	74	129	161	286	538	770	985	60	71	682	3,286	3,286	3,286	4,938	6,132	3,39
South Africa, Republic of	438	563	746	1,160	1,302	1,348	1,054	1,080	226	290	377	609	840	925	1,261	2,759
Sudan	16	7	39	64	103	106	87	157	7	12	9	27	8	24	18	14
Tanzania	7	12	11	61	66	36	39	48	11	24	27	26	29	47	80	81
Tunisia	44	49	60	87	90	82	111	83	2	3	33	21	21	26	56	56
Uganda	2	4	2	8	15	6	14	3	48	57	67	61	67	107	246	82
Zaire	71	62	110	145	188	99	114	83	38	41	71	68	67	193	193	225
Zambia	(x)	31	39	68	86	48	44	44	2	2	6	6	6	102	102	116
Other	103	89	163	252	251	277	312	353	77	59	213	227	331	396	519	342

¹ Represents zero. ^X Not applicable. ^Z Less than \$300,000.00. ^a Special Category commodities as authorized by January 5, 1965; area and country totals reflect relaxation of security restrictions as authorized July 17, 1969.

² 1965-1975 customs value basis; thereafter, f.a.s. value basis.

³ Includes estimates for low-valued shipments from countries which could not be identified because of illegal reporting on import entries.

⁴ Includes unidentified countries, not shown separately.

⁵ Developed countries include Canada, Western Europe, Japan, Australia, New Zealand, and Republic of South Africa; developing countries include rest of the world excluding Communist areas in Europe and Asia. Assignment of countries generally follows that made by United Nations. (See Table 154.)

⁶ OECD = Organization for Economic Cooperation and Development. ^b As of January 1, 1973, United Kingdom, Denmark, and Ireland became members of EEC. For consistency, data for all years are shown on same basis.

^c Includes special category exports, if any. ^d Prior to 1973, security regulations required that information on exports of Special Category commodities be excluded from the totals for certain countries.

^e Excludes Special Category exports, if any, except for 1973.

Source: U.S. Bureau of the Census, *Foreign Commerce and Navigation Trade, FCT 990*, monthly; and unpublished data.

NO. 1512. EXPORTS AND IMPORTS—VALUE, BY BROAD END-USE CLASS: 1967 TO 1978

[Data are adjusted to balance of payments basis, excluding military; for details, see source. Exports include re-exports. See also *Historical Statistics, Colonial Times to 1970*, series U 249-263]

END-USE CLASS	TOTAL (bil. dol.)								PERCENT			
	1967	1970	1973	1974	1975	1976	1977	1978, prel.	1967	1970	1975	1978, prel.
Exports, total	30.7	42.5	71.4	98.3	107.1	114.7	120.8	141.9	100	100	100	100
Foods, feeds, and beverages	5.0	5.9	15.2	18.6	19.2	19.8	19.7	25.2	16	14	18	18
Industrial supplies and materials	10.0	13.9	20.6	29.9	32.1	34.5	39.3	33	33	29	28	28
Capital goods, except automotive	9.9	14.6	21.8	30.4	36.7	39.1	39.8	46.5	32	34	33	33
Automotive vehicles, parts, and engines	2.8	3.9	6.9	8.6	10.6	12.1	13.4	15.3	9	9	10	11
Consumer goods (nonfood), exc. automotive	2.1	2.8	4.8	6.4	6.6	8.0	8.9	10.4	7	7	6	7
All other	.8	1.5	2.7	3.6	4.1	3.6	4.6	5.2	3	3	4	3
General imports, total	26.9	39.9	70.5	103.7	98.0	124.0	151.7	176.1	100	100	100	100
Foods, feeds, and beverages	4.6	6.2	9.1	10.6	9.7	11.6	14.0	15.4	17	15	10	9
Industrial supplies and materials	12.0	15.4	28.2	54.7	51.2	64.6	80.7	85.8	45	39	52	49
Capital goods, except automotive	2.5	4.0	8.1	9.5	10.3	12.4	14.0	19.3	9	10	10	11
Automotive vehicles, parts, and engines	2.4	5.6	10.3	12.1	11.8	16.4	18.6	24.3	9	14	12	14
Consumer goods (nonfood), exc. automotive	4.2	7.6	13.2	14.8	13.2	17.2	21.8	28.2	16	19	14	16
All other	1.1	1.1	1.5	2.0	1.7	1.9	2.6	3.2	4	3	2	1

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1979.

NO. 1513. IMPORTS OF LEADING COMMODITIES, BY AREAS (F.A.S. TRANSACTION VALUE BASIS): 1977 AND 1978

[In millions of dollars, except percent. Includes nonmonetary gold. "F.a.s." means free alongside ship]

ITEM	1977					1978				
	Total ¹	Canada	Amer-ican Repub-lics	West-ern Eu-rope ²	Far East ³	Total ¹	Canada	Amer-ican Repub-lics	West-ern Eu-rope ²	Far East ³
General imports, total	147,685	29,599	16,450	27,669	36,259	172,025	33,529	18,560	36,484	46,159
Percent	100.0	20.0	11.1	18.7	24.6	100.0	19.5	10.8	21.2	26.8
Imports for consumption	146,946	29,155	16,238	27,341	36,216	171,697	33,529	18,530	36,318	45,925
Meat and preparations	1,276	74	278	262	5	1,856	109	383	278	11
Fruits, nuts, and vegetables	1,550	61	186	329	1,838	71	1,098	210	330	
Coffee	3,910	(Z)	2,689	6	273	3,728	(Z)	2,680	4	239
Sugar	1,076	29	530	11	292	723	23	393	19	174
Alcoholic beverages	1,287	298	33	934	7	1,744	300	42	1,368	93
Pulp, paper, and manufactures	3,642	3,317	49	177	65	4,077	3,232	52	170	63
Ores and scrap metal	2,742	998	441	100	62	2,813	953	466	1,359	730
Petroleum, crude and partly refined	33,910	1,610	2,730	776	2,868	32,140	1,246	3,004	1,390	2,951
Petroleum products	7,845	341	2,366	902	426	6,968	489	2,302	454	409
Chemicals	4,970	1,448	212	2,448	546	6,427	1,805	312	3,227	687
Machinery ⁴	18,837	2,978	1,209	5,509	9,049	24,752	3,505	1,644	7,646	11,750
Transport equipment ⁴	17,571	7,697	205	3,946	5,668	22,873	8,773	295	5,187	8,549
Automobiles, new	10,623	3,795	(Z)	2,956	3,872	13,646	4,122	(Z)	3,786	6,738
Iron and steelmill products ⁵	5,302	589	100	1,975	2,466	6,687	780	216	2,660	2,707
Nonferrous base metals	3,380	1,227	419	724	575	4,367	1,384	616	1,046	728
Textile yarn, fabrics, and made-up articles	1,736	48	158	532	902	2,200	53	220	685	1,093
Fish, including shellfish	2,056	419	508	416	422	2,212	519	533	400	480
Other imports	36,595	8,465	3,683	8,765	12,304	46,620	10,287	4,324	10,381	15,249

^Z Less than \$500,000. ¹ Includes areas not shown separately.

² Includes Greece and Turkey. ³ Asia, excluding Near East and Communist areas.

⁴ Machinery includes, and transport equipment excludes, parts for tractors. The Bureau of the Census reports tractor parts with transport equipment. ⁵ Excludes pig iron.

Source: U.S. Dept. of Commerce, Industry and Trade Administration, *Overseas Business Reports, U.S. Trade with Major World Areas*, periodic.

NO. 1514. PERCENT DISTRIBUTION OF DOMESTIC EXPORTS AND GENERAL IMPORTS, BY BROAD COMMODITY GROUPS: 1960 TO 1978

COMMODITY GROUP	1960	1965	1970	1973	1974	1975	1976	1977	1978
Exports:									
Food and live animals.....	13.2	14.7	10.2	17.0	14.4	14.6	13.9	11.9	13.0
Beverages and tobacco.....	2.4	1.9	1.6	1.4	1.3	1.2	1.3	1.6	1.6
Crude materials, inedible, exc. fuels.....	13.7	10.5	10.8	11.9	11.3	9.2	9.6	11.0	11.0
Mineral fuels and related materials.....	4.1	3.5	3.7	2.4	3.5	4.2	3.7	3.5	2.7
Chemicals.....	8.7	8.8	9.0	8.2	9.1	8.2	8.8	9.1	8.9
Machinery and transport equipment.....	34.3	37.3	42.0	39.7	39.3	43.0	43.7	42.2	42.0
Other manufactured goods.....	18.7	18.0	17.9	15.8	17.0	15.6	15.7	16.0	16.1
General imports:									
Food and live animals.....	19.9	16.1	13.5	11.5	9.4	8.8	8.5	8.5	7.9
Beverages and tobacco.....	2.6	2.6	2.1	1.8	1.3	1.5	1.3	1.1	1.3
Crude materials, inedible, exc. fuels.....	18.3	14.5	8.3	7.2	6.0	5.8	5.8	5.7	5.4
Mineral fuels and related materials.....	10.5	10.4	7.7	11.8	25.4	27.5	28.2	30.2	24.5
Chemicals.....	5.3	3.6	3.6	3.5	4.0	3.8	4.0	3.4	3.7
Machinery and transport equipment.....	9.7	13.8	28.0	30.3	24.0	24.4	24.7	24.7	27.7
Other manufactured goods.....	30.3	35.1	33.3	30.9	27.1	24.9	25.0	23.8	26.9

Source: U.S. Dept. of Commerce, Industry and Trade Administration, *Overseas Business Reports*, U.S. Foreign Trade, periodic. Also in U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly.

NO. 1515. DOMESTIC EXPORTS, BY SELECTED COMMODITY GROUPS: 1960 TO 1978

[In millions of dollars. Totals and subtotals include data for commodities not shown separately. Beginning 1973, exports include nonmonetary gold. Commodity data for 1978 are not strictly comparable with previous years due to changes in export classifications; see source for changes. For 1977, adjustments have been made to the sub-totals and to certain commodities to provide greater comparability with 1978. "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series U 274-294.]

COMMODITY GROUP	1960	1965	1970	1973	1974	1975	1976	1977	1978
U.S. merchandise.....	20,408	27,178	42,590	70,296	97,234	106,561	113,666	119,005	141,154
Food and live animals.....	2,684	4,002	4,356	11,930	13,986	15,484	15,710	14,116	18,333
Meat and preparations.....	115	162	175	444	371	528	798	797	958
Meat, fresh, chilled, or frozen.....	84	136	147	405	336	491	759	750	894
Dairy products and eggs.....	123	191	137	56	67	134	128	189	190
Grains and preparations.....	1,761	2,637	2,596	8,496	10,331	11,642	10,911	8,755	11,634
Wheat, including wheat flour.....	1,029	1,184	1,112	4,154	4,589	5,293	4,040	2,883	4,532
Rice.....	151	244	314	539	882	858	629	730	929
Coarse grains.....	518	1,135	1,072	3,558	4,673	5,272	6,023	4,913	5,920
Corn.....	285	833	824	2,836	3,772	4,488	5,223	4,139	5,301
Grain sorghums.....	108	209	196	468	689	699	642	604	531
Fruits and nuts.....	265	339	406	662	757	871	976	1,080	1,335
Fruit, fresh.....	119	145	164	284	326	404	434	458	530
Vegetables.....	133	148	178	307	391	406	559	517	554
Feed for animals.....	87	278	497	1,266	1,287	987	1,358	1,572	1,921
Beverages and tobacco.....	483	517	702	1,008	1,247	1,308	1,524	1,847	2,293
Tobacco and manufactures.....	477	506	679	970	1,193	1,253	1,457	1,732	2,125
Leaf tobacco.....	379	378	481	681	832	852	922	1,094	1,358
Cigarettes.....	87	105	159	250	301	368	510	615	749
Crude materials, inedible, exc. fuels.....	2,805	2,855	4,605	8,380	10,934	9,784	10,891	13,086	15,553
Hides and skins, except fur skins.....	76	109	145	377	339	295	522	578	695
Soybeans.....	336	650	1,216	2,762	3,537	2,865	3,315	4,393	5,210
Synthetic rubber.....	201	161	176	196	290	261	329	327	369
Wood in the rough ¹	38	124	366	823	744	751	945	1,178	1,376
Wood shaped or simply worked.....	104	119	193	473	468	413	553	551	618
Lumber, softwood.....	78	94	162	422	399	342	471	444	452
Woodpulp.....	164	190	464	420	820	875	844	875	817
Textile fibers and wastes.....	1,111	617	543	1,313	1,782	1,345	1,426	1,899	2,302
Raw cotton, excluding linters.....	980	486	372	929	1,335	991	1,049	1,530	1,740
Ores and metal scrap.....	493	435	940	1,081	1,475	1,355	1,284	1,200	1,839
Iron and steel scrap.....	242	197	447	508	849	730	634	413	698
Ores and scrap, nonferrous base.....	183	154	397	427	522	461	499	600	893
Mineral fuels and related materials.....	842	947	1,595	1,671	3,444	4,470	4,226	4,184	3,878
Coal.....	354	477	962	1,014	2,437	3,259	2,910	2,655	2,046
Petroleum and products.....	488	418	488	518	792	908	998	1,280	1,561
Lubricating oils.....	198	185	175	174	298	275	292	305	467
Animal and vegetable oils and fats.....	295	472	493	684	1,423	944	978	1,309	1,521
Tallow, inedible.....	99	179	176	287	483	209	377	504	516
Soybean oil.....	110	162	192	150	519	266	238	440	560

See footnotes at end of table.

No. 1515. DOMESTIC EXPORTS, BY SELECTED COMMODITY GROUPS: 1960 TO 1978—Continued

[In millions of dollars. See headnote, p. 867. See also *Historical Statistics, Colonial Times to 1970*, series U 274-294.]

COMMODITY GROUP	1960	1965	1970	1973	1974	1975	1976	1977	1978
Chemicals	1,776	2,403	3,826	5,749	8,319	8,691	9,959	10,812	12,618
Chemical elements and comp'ds.	612	970	1,642	2,338	3,613	3,623	4,408	4,811	5,294
Dyeing, tanning, color'g mater's.	73	93	137	216	304	244	310	352	386
Medicinal, pharmaceutical prod.	238	256	420	626	800	866	997	1,081	1,404
Fertilizers, manufactured	72	153	178	407	815	1,083	613	704	1,091
Plastic materials and resins ²	315	425	653	1,028	1,618	1,166	1,672	1,838	2,088
Machinery and transport equip.	6,992	10,139	17,882	27,869	38,189	45,668	49,501	50,248	59,270
Machinery ³	4,476	6,935	11,685	17,588	24,318	29,215	32,113	32,638	38,110
Power generating machinery	490	841	1,405	2,218	2,882	3,551	3,662	3,619	4,797
Agricultural machinery	147	219	182	346	544	704	707	717	844
Tractors and parts	418	646	750	1,098	1,484	2,126	2,223	2,064	2,316
Electronic computers, parts and accessories	100	256	1,236	1,717	2,198	2,228	2,588	3,264	4,359
Other office machines ⁴	108	215	311	368	501	411	349	621	647
Metalworking machinery	293	332	396	439	639	922	953	730	1,188
Metalcutting machines	117	159	213	206	264	344	290	258	338
Textile, leather machinery	180	207	273	375	528	486	457	423	485
Construction, excavating, and maintenance equipment	270	324	434	568	868	1,277	1,381	1,352	664
Materials handling equip.	193	397	607	880	1,230	1,846	1,850	1,664	1,457
Air-conditioning and refrigerating equipment	135	210	397	580	858	928	1,055	1,245	1,562
Pump. equip., incl. parts	81	143	241	327	433	543	606	630	764
Pipe valves and parts	64	111	196	250	335	458	518	548	610
Power mach., switchgear	250	472	611	1,066	1,492	1,709	2,139	2,301	2,690
Generators, generating sets	85	149	117	286	421	548	800	889	569
Transforming, converting, transmission apparatus	83	120	156	232	343	417	487	518	609
Telecommunications app'tus	228	345	660	1,040	1,361	1,574	1,997	2,300	2,689
Radio, television app'tus	180	304	576	895	1,157	1,339	1,729	1,827	1,831
Domestic electrical equip.	112	116	119	223	378	359	463	523	610
Transport equipment ⁵	2,517	3,204	6,197	10,281	13,871	16,452	17,388	17,619	21,161
Railway vehicles	133	188	91	219	232	462	392	305	305
Road motor vehicles, parts ⁶	1,270	1,744	3,245	5,573	7,248	9,290	10,132	10,887	12,148
Automobiles, nonmilit., new	237	393	822	1,790	2,303	2,852	3,228	3,568	3,573
Trucks and tractor trucks, commercial, new	339	279	452	715	1,140	1,712	1,509	1,513	1,504
Parts, accessories, comm'c'l.	524	875	1,603	2,616	3,193	3,620	4,213	4,673	5,882
Aircraft, parts, and accessories	1,024	1,130	2,656	4,119	5,766	6,136	6,104	5,874	8,204
Civilian aircraft	537	478	1,528	2,315	3,366	3,189	3,204	2,747	3,616
Other manufactured goods	3,815	4,890	7,636	11,112	16,515	16,592	17,781	19,091	22,657
Tires and tubes	152	166	186	308	544	544	491	338	280
Paper and manufactures	255	389	622	919	1,522	1,447	1,624	1,517	1,597
Paper and paperboard	185	325	526	738	1,232	1,131	1,291	1,162	1,187
Nominalistic mineral mfrs., n.e.c.	198	302	475	810	904	964	1,166	1,275	1,597
Metals and manufactures	1,632	1,797	2,978	3,468	5,725	5,661	5,180	5,149	6,101
Iron and steelmill products ⁶	635	607	1,188	1,258	2,500	2,382	1,833	1,608	1,644
Plates and sheets	331	184	335	382	687	327	338	272	402
Tubes, pipes, and fittings	102	160	226	345	852	1,412	778	677	798
Silver bullion, refined	24	51	31	20	28	104	33	39	55
Nonferrous base metals	517	539	893	950	1,301	1,090	1,088	1,058	1,048
Copper	291	293	358	384	415	333	282	196	310
Aluminum	154	159	358	346	478	433	469	480	555
Metal manufactures, n.e.c.	427	553	744	1,111	1,665	1,891	2,089	2,399	3,107
Tools for hand or machine	110	141	204	288	406	480	498	558	603
Textiles, other than clothing	478	528	603	1,225	1,795	1,624	1,971	1,970	2,225
Textile yarn and thread	114	131	145	271	407	298	374	417	370
Cotton broad-woven fabrics, exc. remnants	142	98	103	263	384	376	499	438	426
Textile fab., woven, exc. cotton	102	135	151	283	413	386	423	399	472
Clothing	140	143	198	278	400	403	510	608	677
Professional, scientific, and controlling instruments ⁷	241	480	857	1,214	1,662	1,792	1,951	3,241	3,904
Photographic supplies	63	130	250	417	548	606	703	813	1,073
Printed matter	137	226	327	393	486	548	607	668	812
Other transactions	718	954	1,496	1,892	2,676	3,621	3,097	4,314	5,030
Firearms of war and ammunition	485	644	682	633	852	1,361	1,261	1,617	1,951
Shipments of \$250 or less, est. ⁸	174	245	692	1,091	1,563	1,572	1,190	1,244	1,487

¹ Beginning 1977, includes pulp wood chips, formerly classified in Other manufactured goods under "Wood and manufactures." ² Beginning 1977, includes rubber materials, formerly classified in "Other manufactured goods" under "Rubber manufactures." ³ Includes parts for tractors. ⁴ Includes photocopy apparatus, formerly classified in Other manufactured goods under "Photographic and motion picture equipment."⁵ Excludes parts for tractors. ⁶ Excludes pig iron. ⁷ Beginning 1977, electric measuring and controlling instruments are included in "Other manufactured goods" under "Scientific measuring and controlling instruments"; formerly classified under "Machinery." ⁸ For 1960 and 1965, data are estimates for shipments of \$100 or less.Source: U.S. Dept. of Commerce, Industry and Trade Administration, *Overseas Business Reports*, U.S. Foreign Trade, periodic. Also in U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly.

No. 1516. GENERAL IMPORTS, BY SELECTED COMMODITY GROUPS (F.A.S. TRANSACTION VALUE BASIS): 1960 TO 1978

[In millions of dollars. Prior to 1974, imports are on the customs value basis. Totals and subtotals include commodities not shown separately. "F.a.s." means free alongside ship. "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series U 295-318.]

COMMODITY	1960	1965	1970	1973	1974	1975	1976	1977	1978
General imports.....	15,073	21,427	39,952	69,832	100,468	96,573	121,009	147,685	172,025
C.i.f. values ¹	(NA)	(NA)	42,429	76,199	107,996	103,389	129,565	157,560	183,187
Food and live animals.....	2,996	3,460	5,375	8,014	9,386	8,503	10,267	12,558	13,521
Cattle, except for breeding.....	62	98	111	193	108	77	159	186	250
Meat and preparations.....	314	426	1,014	1,671	1,353	1,141	1,447	1,276	1,856
Meat, fresh or frozen.....	176	231	647	1,124	808	640	840	743	1,242
Ham, shoulders, and bacon ²	86	132	241	389	350	397	434	386	445
Fish.....	308	469	794	1,392	1,500	1,356	1,855	2,056	2,212
Fruits and nuts.....	218	339	447	578	627	638	760	957	1,126
Bananas.....	79	162	188	198	197	220	277	305	350
Vegetables.....	96	139	289	410	388	355	426	593	711
Sugar.....	507	443	725	925	2,247	1,865	1,154	1,076	723
Coffee, green.....	1,003	1,058	1,160	1,570	1,505	1,621	2,632	3,910	3,728
Cocoa or cacao beans.....	143	120	201	212	317	321	368	482	667
Tea.....	56	57	53	70	80	88	96	176	115
Beverages and tobacco.....	396	553	855	1,221	1,322	1,419	1,624	1,669	2,221
Alcoholic beverages.....	273	426	725	1,000	1,020	1,033	1,174	1,287	1,744
Tobacco, unmanufactured.....	117	121	111	191	254	343	392	322	396
Crude materials, inedible, except fuels.....	2,752	3,102	3,307	5,014	6,066	5,566	7,014	8,486	9,297
Hides and skins, except fur skins.....	70	80	51	85	78	78	89	97	106
Fur skins, undressed.....	96	113	59	78	79	79	101	122	142
Rubber, including latex.....	322	182	231	340	507	358	513	642	840
Lumber, softwood.....	260	318	439	1,372	1,007	797	1,355	1,972	2,595
Lumber, hardwood.....	49	57	61	122	134	69	97	124	141
Woodpulp.....	305	399	480	657	1,126	1,032	1,237	1,213	1,126
Textile fibers and wastes.....	395	435	202	237	225	174	249	222	248
Wool and other animal hair.....	235	282	116	123	74	73	123	117	147
Industrial diamonds.....	52	56	39	62	48	42	46	62	69
Asbestos, unmanufactured.....	65	70	75	99	131	117	149	152	162
Ores and metal scrap.....	761	971	1,149	1,304	1,855	1,978	2,251	2,742	2,813
Iron ore and concentrates.....	322	444	480	534	700	864	982	951	845
Silver ore and base bullion.....	38	56	49	102	164	98	75	84	106
Nonferrous base metals ³	365	421	522	518	696	733	895	1,382	1,556
Bauxite, crude.....	78	143	165	159	183	267	330	426	415
Mineral fuels and related materials.....	1,587	2,221	3,075	8,174	25,454	26,476	33,996	44,537	42,105
Petroleum and products.....	1,550	2,092	2,764	7,614	24,293	24,814	31,794	41,756	39,109
Petroleum, crude and partly refined.....	957	1,215	1,448	4,593	16,546	19,293	26,384	33,910	32,140
Petroleum products.....	593	877	1,316	3,021	7,748	5,521	5,411	7,845	6,988
Natural gas.....	33	105	258	346	505	1,081	1,619	1,941	2,000
Animal and vegetable oils and fats.....	95	116	160	259	544	554	464	531	511
Chemicals.....	807	768	1,450	2,463	4,018	3,696	4,772	4,970	6,427
Organic chemicals.....	61	160	355	639	1,363	1,027	1,103	1,438	1,734
Inorganic chemicals ⁴	133	158	371	529	740	835	937	1,171	1,327
Medicinal and pharmaceutical products.....	47	58	87	167	211	235	269	313	449
Fertilizers, manufactured.....	77	112	192	280	631	626	683	829	809
Machinery and transport equipment.....	1,466	2,948	11,172	21,076	24,060	23,457	29,824	36,407	47,626
Machinery.....	724	1,800	5,375	10,150	11,809	11,970	15,446	18,837	24,752
Engines and parts.....	24	195	782	1,478	1,501	1,615	1,934	2,137	2,586
Agricultural machinery.....	89	156	173	313	394	474	496	499	489
Tractors and parts.....	46	93	175	359	498	571	554	630	848
Office machines.....	68	136	505	915	1,007	1,052	1,341	1,568	2,254
Metalworking machinery.....	37	63	164	189	300	361	362	435	947
Textile and leather machinery.....	70	157	361	630	606	518	636	639	877
Power machinery and switchgear.....	23	57	247	461	567	550	758	970	1,291
Telecommunications apparatus.....	127	314	1,102	2,070	2,281	2,077	3,658	4,954	6,136
Electron tubes, transistors, semiconductor devices, and parts.....	13	63	224	704	1,033	899	1,223	1,490	1,942
Transport equipment.....	742	1,148	5,798	10,926	12,251	11,487	14,378	17,571	22,873
Automobiles and parts.....	627	810	5,068	9,252	10,264	9,921	13,104	15,844	20,631
Automobiles, new.....	514	658	3,722	6,517	7,298	7,124	8,928	10,633	13,646
Motorcycles.....	13	134	307	571	914	707	485	641	892
Aircraft and parts.....	54	140	274	563	508	519	434	603	637
Other manufactured goods.....	4,572	7,528	13,285	21,462	27,145	23,927	30,179	35,176	46,299
Leather manufactures and dressed furs.....	62	87	118	191	188	132	247	236	353
Rubber tires and tubes.....	21	45	205	546	491	475	738	851	923
Wood manufactures (excl. furniture).....	163	270	409	771	685	573	827	1,032	1,219
Paper and manufactures.....	756	870	1,087	1,458	1,852	1,673	2,103	2,402	2,923
Newsprint.....	688	790	930	1,186	1,503	1,427	1,742	1,879	2,101
Construction materials ⁵	45	71	106	230	245	186	203	292	472
Glass, glassware, and pottery.....	142	168	338	522	535	531	653	785	1,047
Diamonds, excluding industrial.....	166	308	433	827	775	730	1,018	1,452	1,973

See footnotes at end of table.

No. 1516. GENERAL IMPORTS, BY SELECTED COMMODITY GROUPS (F.A.S. TRANSACTION VALUE BASIS): 1960 TO 1978—Continued

[In millions of dollars. See headnote, p. 869]

COMMODITY	1960	1965	1970	1973	1974	1975	1976	1977	1978
Other manufactured goods—Con.									
Metals and manufactures.....	1,529	2,874	4,508	6,913	11,111	8,944	9,898	12,278	15,714
Pig iron and ferroalloys.....	55	94	78	242	394	558	538	528	573
Iron and steelmill products.....	431	1,140	1,952	2,775	4,756	4,037	3,809	5,302	6,687
Bars, rods, shapes, and pilings.....	188	377	486	764	1,507	930	848	1,126	1,371
Plates and sheets.....	86	475	906	1,330	2,059	1,680	1,795	2,708	3,329
Steel wire.....	39	79	119	165	299	225	211	283	341
Tubes, pipes, and fittings.....	83	144	349	396	736	1,008	792	971	1,376
Nonferrous base metals.....	762	1,198	1,502	2,002	3,038	2,063	2,941	3,380	4,367
Copper.....	353	425	532	678	1,189	419	777	855	1,069
Nickel.....	89	189	317	376	483	456	524	532	676
Aluminum.....	107	264	238	287	386	415	554	766	1,115
Lead.....	61	61	74	53	60	49	64	165	173
Tin.....	88	167	190	199	295	315	329	458	598
Silver, refined bullion.....	16	7	53	216	431	274	289	313	325
Platinum group metals.....	13	69	98	246	453	244	271	252	430
Metal manufactures, n.e.c.....	251	367	825	1,431	2,039	1,769	2,051	2,503	3,333
Textiles, other than clothing.....	562	800	1,135	1,580	1,615	1,219	1,635	1,736	2,200
Textile yarn and thread.....	36	66	223	262	190	128	192	225	246
Cotton fabrics, woven.....	97	134	173	310	356	219	390	345	427
Textile fabrics, woven, exc. cotton ⁶	275	423	499	608	528	433	521	569	719
Twine and cordage.....	34	48	35	62	185	123	82	76	78
Floor coverings.....	57	45	53	103	98	88	120	145	200
Clothing.....	304	541	1,269	2,168	2,331	2,562	3,634	4,100	5,657
Footwear.....	148	160	629	1,082	1,134	1,275	1,686	1,806	2,585
Professional, scientific, photographic, and controlling instruments ⁶	82	178	356	674	750	726	969	1,292	981
Clocks and watches.....	70	100	184	335	389	426	627	722	947
Musical instruments, sound recorders and reproducers, and parts ⁷	47	157	505	948	943	781	1,216	285	423
Printed matter.....	46	77	160	230	270	284	322	340	479
Articles of plastic and rubber, n.e.c.....	6	71	236	352	425	429	602	606	744
Toys, games, and sporting goods.....	84	155	427	657	724	633	903	1,156	1,345
Artworks and antiques.....	73	141	162	352	948	677	580	720	1,312
Other transactions.....	401	730	1,274	1,794	2,256	2,518	2,538	3,336	4,018

NA Not available. ¹ Value on a cost, insurance, and freight basis; cost (to the U.S. importer) of commodities at port of exportation plus insurance and freight to U.S. customs port of entry. 1970 and 1973 are estimated.

² Canned, cooked, and boned. ³ Prior to 1977, alumina is included under chemicals; thereafter, classified in crude materials. ⁴ Materials of lime, cement, and clay. ⁵ Excludes narrow or special fabrics.

⁶ Beginning 1977, electric measuring and controlling instruments are included in "Other manufactured goods" under "Scientific measuring and controlling instruments"; prior to 1977, classified under "Machinery."

⁷ Beginning 1977, sound recorders included in "Machinery."

Source: U.S. Dept. of Commerce, Industry and Trade Administration, *Overseas Business Reports*, U.S. Foreign Trade, periodic. Also in U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly.

No. 1517. IMPORTS—COFFEE, TEA, AND COCOA AND CHOCOLATE: 1950 TO 1978

[All coffee on green coffee basis; exports and reexports include roasted and soluble coffee. See also *Historical Statistics, Colonial Times to 1970*, series P 227 and U 296-299]

ITEM	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978
Coffee imports.....mil. lb.	2,442	2,602	2,943	2,844	2,609	2,891	2,546	2,684	2,617	1,950	2,899
Value.....mil. dol.	1,092	1,357	1,003	1,058	1,180	1,570	1,504	1,562	2,633	3,861	3,728
Net per capita ¹.....lb.	16.48	15.41	15.92	14.95	13.72	13.67	12.84	12.37	12.30	9.5	10.1
Avg. price....cents per lb.	44.6	52.6	34.4	37.6	44.4	54.4	59.1	58.2	100.6	197.1	155.4
Tea, net imports.....mil. lb.	113	104	114	130	137	175	178	159	181	203	152
Value.....mil. dol.	53	64	55	57	53	70	79	88	95	175	114
Cocoa and chocolate: ²											
Imports.....mil. lb.	712	605	677	934	847	799	728	743	816	678	588
Value.....mil. dol.	176	224	172	146	265	295	446	447	572	941	867

¹ Source: U.S. Dept. of Commerce, Industry and Trade Administration. Based on total population including Armed Forces abroad as estimated by Bureau of the Census. ² Includes prepared, except confectionery.

Source: Except as noted, U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States, Quarterly Summary of Foreign Commerce of the United States*; U.S. Imports for Consumption and General Imports, Report FT 246; and unpublished data.

No. 1518. EXPORTS AND IMPORTS OF MERCHANDISE FOR CONSUMPTION, BY CUSTOMS REGIONS: 1965 TO 1978

[In millions of dollars. Exports include reexports; imports are on customs value basis. See *Historical Statistics, Colonial Times to 1970*, series U 264-273, for related data]

CUSTOMS REGIONS	1965	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
EXPORTS											
U.S. total ¹	27,346	38,006	43,226	44,137	49,676	71,339	98,507	107,592	114,992	121,212	143,660
Boston	156	3,379	3,297	3,964	4,478	5,713	7,713	7,809	8,667	9,613	10,275
New York	7,158	8,743	10,037	8,871	9,839	12,738	17,476	18,733	19,372	19,920	23,615
Baltimore	602	2,864	3,912	3,836	4,397	6,310	10,347	12,525	13,074	13,335	14,425
Miami	612	1,664	1,983	2,005	2,658	3,518	5,442	6,232	7,298	8,692	10,338
New Orleans	2,243	3,032	3,946	3,783	4,560	7,452	10,725	11,314	12,202	12,787	14,832
Houston	1,857	3,251	4,028	4,209	4,634	7,932	11,278	12,877	12,455	12,180	15,365
Los Angeles	781	2,107	2,508	2,206	2,408	4,059	5,878	6,446	7,136	7,274	9,211
San Francisco	1,115	4,401	4,936	5,114	5,622	8,782	11,666	11,465	13,088	13,375	17,114
Chicago	470	6,208	6,241	7,637	8,665	11,480	13,484	15,328	17,130	18,817	21,623
IMPORTS											
U.S. total ¹	21,366	36,043	39,963	45,602	55,555	69,024	100,140	96,516	121,121	147,939	172,952
Boston	684	5,427	5,678	6,529	7,491	8,997	11,037	9,946	12,376	14,681	17,882
New York	6,619	9,250	10,050	10,362	12,568	15,557	20,417	18,053	21,095	26,104	33,067
Baltimore	773	3,359	3,936	4,542	5,640	7,257	12,719	11,888	13,232	15,378	18,345
Miami	453	2,085	2,412	2,940	4,051	4,811	7,118	6,444	7,920	9,226	11,207
New Orleans	821	1,476	1,630	1,894	2,145	2,873	5,724	6,790	9,307	13,147	14,236
Houston	591	1,462	1,754	2,206	2,666	3,825	7,873	8,789	12,604	17,410	20,561
Los Angeles	1,192	2,830	3,268	3,652	4,916	6,531	9,049	8,569	11,078	13,611	16,207
San Francisco	704	3,191	3,569	4,052	5,074	6,394	10,497	10,599	13,333	15,988	17,689
Chicago	597	6,659	7,341	9,026	10,621	12,407	15,327	15,061	18,921	21,360	23,363

¹ Includes data on low-value shipments for exports and shipments valued under \$251 for imports, not distributed by customs region.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.

No. 1519. IMPORTS FOR CONSUMPTION—VALUES AND DUTIES: 1946 TO 1978

[Imports are on customs value basis. Beginning 1965, includes uranium, thorium, and related products; beginning 1970, includes silver ores and bullion. For basis of dollar values and for area coverage, see text, p. 847. See also *Historical Statistics, Colonial Times to 1970*, series U 207-212]

YEARLY AVERAGE OR YEAR	VALUES				Duties calculated ¹	RATIO OF DUTIES TO VALUES		Duties per capita ²
	Total	Free	Dutiable	Percent free		Total imports	Dutiable imports	
1946-1950 avg.	Mil. dol.	Mil. dol.	Mil. dol.		Mil. dol.	Percent	Percent	Dollars
1951-1955 avg.	6,584	3,843	2,741	58	439	7	16	2.94
1956-1960 avg.	10,784	5,975	4,809	55	582	5	12	3.58
1961-1965 avg.	13,570	5,843	7,727	43	882	7	11	4.98
1966-1970 avg.	17,557	6,571	10,986	37	1,300	7	12	6.78
1971-1975 avg.	32,141	11,755	20,386	37	2,282	7	11	11.23
	73,374	29,190	44,184	39	3,412	5	8	16.22
1950	8,743	4,767	3,976	55	522	6	13	3.38
1955	11,337	6,037	5,300	53	633	6	12	3.76
1960	14,650	5,780	8,870	39	1,084	7	12	5.92
1965	21,283	7,434	13,849	35	1,643	8	12	8.35
1970	39,756	13,870	25,886	35	2,584	6	10	12.48
1971	45,516	15,286	30,230	34	2,767	6	9	13.36
1972	55,290	18,915	36,375	34	3,124	6	9	14.96
1973	69,024	28,258	40,765	41	3,620	5	8	17.20
1974	100,140	52,052	48,088	52	3,771	4	8	17.80
1975	96,516	31,030	65,486	32	3,780	4	6	17.70
1976	121,121	37,190	83,931	31	4,675	4	6	21.73
1977	147,075	43,633	103,442	30	5,485	4	5	25.30
1978	172,952	51,827	121,125	30	7,162	4	6	32.78

¹ 1947-1959 data from U.S. Bureau of Customs. Customs duties (including import excise taxes), calculated on the basis of reports of quantity and value of imports of merchandise entered directly for consumption or withdrawn from bonded customs warehouses.

² Based on estimated population including Armed Forces abroad as of July 1, except 1970 as of April 1.

Source: U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States, Quarterly Summary of Foreign Commerce of the United States; Highlights of U.S. Export and Import Trade*, FT 990, monthly; and unpublished data.

NO. 1520. DUTIABLE IMPORTS FOR CONSUMPTION, AND PERCENT FREE OF TOTAL IMPORTS, FROM SELECTED AREAS AND COUNTRIES—VALUE: 1970 TO 1978

[Includes imports of silver ore and bullion. For total value of general imports, see table 1506]

AREA AND COUNTRY OF ORIGIN	VALUE OF DUTIABLE IMPORTS (mil. dol.)					PERCENT OF TOTAL IMPORTS FREE FROM DUTY				
	1970	1975	1976	1977	1978	1970	1975	1976	1977	1978
Total imports ¹	25,890	65,486	83,931	103,442	121,125	35	32	31	30	30
Developed countries ²	19,503	35,826	42,161	50,141	65,372	33	36	38	36	35
Developing countries ²	6,202	29,049	41,003	52,448	54,560	40	28	22	22	23
Communist areas in Europe and Asia.....	162	600	761	842	1,186	25	31	27	24	35
Western Hemisphere ³	6,659	17,190	18,331	20,630	22,890	61	55	58	59	60
Canada.....	3,513	6,747	7,182	7,396	8,369	68	69	73	75	75
20 Latin American Republics ³	2,567	7,492	7,921	9,356	10,955	45	37	40	42	41
Central American Common Market ⁴	129	373	371	391	470	68	55	69	74	68
Latin American Free Trade Assn. ⁴	2,281	6,413	7,104	8,557	10,089	43	36	38	38	38
Argentina.....	136	170	189	234	305	21	19	39	39	46
Brazil.....	206	620	458	578	864	69	57	73	74	69
Chile.....	9	52	118	128	202	94	62	41	44	47
Colombia.....	67	214	176	174	218	75	64	73	79	79
Mexico.....	899	2,197	2,446	3,163	4,483	25	27	31	32	26
Peru.....	109	161	185	179	305	68	58	52	63	53
Venezuela.....	813	2,667	3,190	3,720	3,321	25	28	11	8	8
Dominican Republic.....	123	511	294	251	226	34	19	43	63	58
Jamaica.....	26	56	35	23	22	86	82	89	93	94
Trinidad and Tobago.....	155	987	1,433	1,604	1,350	34	17	5	3	5
Netherlands Antilles.....	305	1,110	1,068	1,204	1,174	26	30	10	7	7
Europe.....	9,835	17,686	19,507	24,000	32,204	13	18	18	16	16
Western Europe.....	9,673	17,178	18,876	23,303	31,255	13	17	17	16	15
OECD countries ⁵	9,581	16,954	18,663	23,107	31,027	13	17	17	15	15
European Economic Community.....	7,965	13,715	14,856	18,873	25,081	13	18	17	15	14
Belgium and Luxembourg.....	601	956	909	1,216	1,508	14	20	19	16	15
Denmark ⁶	266	391	455	473	569	6	15	19	19	19
France.....	786	1,722	1,940	2,532	3,450	15	19	22	17	16
Ireland ⁶	106	148	174	197	289	21	17	16	17	11
Italy.....	1,235	2,208	2,335	2,824	3,846	6	9	8	8	8
Netherlands.....	433	781	822	1,130	1,180	17	28	25	24	27
West Germany.....	2,936	4,770	5,182	6,721	9,205	6	11	10	9	9
United Kingdom ⁶	1,601	2,738	3,068	3,781	5,035	27	27	28	26	22
Other OECD countries ³	1,616	3,239	3,807	4,234	5,946	15	16	15	16	16
Austria.....	117	193	219	273	373	2	21	9	5	9
Spain.....	324	758	822	868	1,155	8	10	9	10	8
Sweden.....	375	815	832	920	1,213	6	8	10	8	10
Switzerland.....	399	743	910	951	1,440	12	14	12	13	20
Other Western Europe.....	93	224	213	195	229	3	11	45	44	46
Yugoslavia.....	91	221	210	190	220	2	11	45	44	46
Communist areas in Europe ⁷	162	508	631	697	949	25	28	25	23	37
Asia.....	8,517	23,825	34,896	43,730	51,513	11	12	11	12	12
Japan.....	5,646	10,848	15,045	18,239	23,072	4	5	3	3	3
Near East Asia ⁸	270	4,458	8,705	12,364	11,334	22	17	3	3	4
Iran.....	41	1,146	1,423	2,711	2,766	39	18	4	3	4
Israel.....	128	257	263	366	434	14	17	38	36	39
Saudi Arabia.....	14	2,159	5,166	6,285	5,276	30	18	1	8	5
South Asia ⁹	274	358	428	427	649	33	49	52	56	47
India.....	202	309	368	363	566	32	43	48	53	42
Pakistan.....	67	38	51	41	60	16	24	26	28	28
Asia, not elsewhere classified ²	2,326	8,070	10,590	12,555	15,320	22	15	23	25	25
China: Taiwan.....	535	1,888	2,201	2,695	3,623	2	3	26	27	30
Indonesia.....	57	1,705	2,588	2,773	2,865	69	23	23	20	20
Malaysia.....	19	271	392	684	835	93	65	58	48	45
Philippines.....	279	683	747	889	1,004	23	8	14	16	15
Thailand.....	11	125	131	133	220	89	43	51	61	49
Communist areas in Asia ⁸	1	91	130	145	238	14	42	34	28	26
Oceania ³	601	884	882	880	1,307	30	40	47	48	44
Australia.....	433	694	655	647	923	28	38	46	45	44
New Zealand and Western Samoa.....	158	170	222	228	374	29	30	32	36	29
Africa ³	255	5,890	10,309	14,192	13,204	77	29	18	16	23
Congo (Brazzaville).....	8	15	51	31	71	82	21	7	3	12
Ghana.....	4	69	85	124	115	91	51	47	42	46
Nigeria.....	42	2,785	4,865	6,016	4,601	42	15	1	12	2
South Africa, Republic of.....	78	191	182	329	477	73	77	80	73	79
Egypt.....	22	23	87	159	82	6	15	6	6	16

¹ Includes unidentified countries. ² See footnote 5, table 1511. ³ Includes countries not shown separately.

⁴ Guatemala, El Salvador, Honduras, Nicaragua, and Costa Rica. ⁶ Organization for Economic Cooperation and Development. ⁵ As of Jan. 1, 1973, United Kingdom, Denmark and Ireland became members of EEC.

For consistency, data for all years are shown on same basis. ⁷ East Germany, Czechoslovakia, Hungary, Poland, U.S.S.R., Albania, Romania, and Bulgaria.

⁸ Vietnam, China (mainland), Outer Mongolia, and North Korea.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.